

VBA SOURCE CODE BOOK

GENERAL JOURNAL PT. 2



DYNAMIC GENERAL JOURNAL PT. 2
(Compound Journal Entries)

Refresh Display Account: Cash On Hand CASH ON HAND Entries From: 01/04/2019 Entries To: 30/04/2019 Ending/Current Balance: \$ 450.00

Date	Debit Account	Name	Debit	Credit	Balance	Save & Edit
Type	Credit Account	Memo / Notes	Debit	Credit		
01/04/2019	Cash On Hand	Acme Building Materials	\$100.00		\$	
	Accounts Receivable	Vendor Payment		\$100.00		
01/04/2019	Cash On Hand	David Johnson	\$200.00		\$	
	[Compound Entry]					
02/04/2019	Raw Materials	Fred Fredders	\$30.00		\$	
	Cash On Hand	Purchased Materials		\$30.00		
03/04/2019	Cash On Hand	Lisa Morrison	\$40.00			
	[Compound Entry]					
04/04/2019	Cash On Hand	Acme Building Materials	\$40.00			
	[Compound Entry]					
	Purchased Clothing	Test 1		\$35.00		
	Chase Visa	Test 2		\$3.00		
	Materials Paid	Test 3		\$2.00		
05/04/2019	Cash On Hand	Johns Plumbing	\$100.00		\$	
	Materials Paid	test		\$100.00		



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Compound Journal Entries In
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by: Randy Austin

ABOUT THE AUTHOR

A two-time Microsoft MVP & lifetime Excel enthusiast, Randy Austin founded Excel For Freelancers in 2017. Excel For Freelancers quickly became the most prominent resource Excel for developers to learn how to turn their passion for Excel into profits by building & selling their own excel-based applications for passive & recurring income.

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```
Option Explicit
```

```
Private Sub Worksheet_Change(ByVal Target As Range)
```

```
    If Target.CountLarge > 1 Then Exit Sub
```

```
    If Not Intersect(Target, Range("D8:H999" )) Is Nothing And Range("B1" ).Value = False Then
```

```
        If Target.Value <> "[Compound Entry]" Then ShowSaveBtn
```

```
    End If
```

```
    'On Change to Compound Transaction, open Up for Compound Transaction
```

```
    If Not Intersect(Target, Range("E9:E338" )) Is Nothing And Range("E" & Target.Row).Value  
= "[Compound Entry]" And Target.Row Mod 2 = 1 And Range("B1" ).Value = False Then  
        CompoundEntry_Open
```

```
    If Not Intersect(Target, Range("E4,G4,H4" )) Is Nothing Then LoadTransactions
```

```
    'Automate Amounts on Compound Items
```

```
    If Not Intersect(Target, Range("G8:H99999" )) Is Nothing And Range("K" & Target.Row).  
Value = "CI" And Range("N4" ).Value = False Then
```

```
        'Locate Original Debit/Credit Amount
```

```
        Dim FoundCompEntry As Range
```

```
        Dim FoundLastCompItem As Range
```

```
        Dim DebitAmt As Double
```

```
        Dim CreditAmt As Double
```

```
        Dim CompTotal As Double
```

```
        Dim ItemBalAmt As Double
```

```
        Dim CompEntryCol As Long
```

```
        Dim LastCIEntryRow As Long
```

```
        Dim TransRow As Long
```

```
        Range("N4" ).Value = True 'Set CI Change to True
```

```
        TransRow = Range("B2" ).Value
```

```
        'On Change of Credit Compound Item
```

```
        If Not Intersect(Target, Range("H8:H99999" )) Is Nothing And Target.Value <> Empty Then
```

```
            DebitAmt = Range("G" & TransRow).Value 'Debit Amount
```

```
            ItemBalAmt = DebitAmt - Application.WorksheetFunction.Sum(Range("H" & TransRow + 2  
& ":H" & Target.Row))
```

```
            If ItemBalAmt <> 0 Then Range("H" & Target.Row + 1).Value = ItemBalAmt
```

```
        End If
```

```
        'On Change of Debit Compound Item
```

```
        If Not Intersect(Target, Range("G8:G99999" )) Is Nothing And Target.Value <> Empty Then
```

```
            CreditAmt = Range("H" & TransRow).Value 'Credit Amount
```

```
            ItemBalAmt = CreditAmt - Application.WorksheetFunction.Sum(Range("G" & TransRow + 2  
& ":G" & Target.Row))
```

```
            If ItemBalAmt <> 0 Then Range("G" & Target.Row + 1).Value = ItemBalAmt
```

```
        End If
```

```
        Range("N4" ).Value = False 'Set CI Change Back to False
```

```
    End If
```

```
    'On Change of current Compound Item Row, add another one below if it does not exist and  
the value is not empty
```

```
    If Not Intersect(Target, Range("E8:H99999" )) Is Nothing And Range("K" & Target.Row).  
Value = "CI" And Range("K" & Target.Row + 1).Value <> "CI" And Target.Value <> Empty  
Then
```

```
        'Add CI Row Below if none exist
```

```
        Range("N3" ).Value = Target.Row
```

```
        CompoundEntry_AddRows 'Run Macro to add a row
```

```
    End If
```

```
1
```

```

1
51 End Sub
52
53 Private Sub Worksheet_Deactivate()
54 Dim Cal As Shape
55 On Error Resume Next
56 Set Cal = Shapes("Calendar" )
57 On Error GoTo 0
58 If Cal Is Nothing Then 'Shape Deleted
59 Application.EnableEvents = False
60 On Error Resume Next
61 Application.Undo
62 On Error GoTo 0
63 Application.EnableEvents = True
64 End If
65 End Sub
66
67 Private Sub Worksheet_SelectionChange(ByVal Target As Range)
68 Dim Cal As Shape
69 On Error Resume Next
70 Set Cal = Shapes("Calendar" )
71 On Error GoTo 0
72 If Cal Is Nothing Then 'Shape Deleted
73 Application.EnableEvents = False
74 On Error Resume Next
75 Application.Undo
76 On Error GoTo 0
77 Application.EnableEvents = True
78 End If
79
80 If Not Intersect(Target, Range("D8:J9999" )) Is Nothing Then
81 If Range("K" & Target.Row).Value <> "CI" Then
82 If Target.Row Mod 2 = 0 Then Range("B2" ).Value = Target.Row Else Range("B2" ).Value
83 = Target.Row - 1
84 If Range("D" & Range("B2" ).Value).Value <> Empty Then Range("B6" ).Value = False
85 'Set New Trans To False
86 Else: 'Compound Item Row Selected
87 Dim FoundTransRow As Range
88 Set FoundTransRow = Range("K" & Target.Row & ":K8" ).Find("", , xlValues, xlWhole,
89 xlByRows, xlPrevious)
90 If FoundTransRow Is Nothing Then Exit Sub
91 Range("B2" ).Value = FoundTransRow.Row - 1
92 Range("N3" ).Value = Target.Row
93 End If
94 Else:
95 Shapes("SaveBtn" ).Visible = msoFalse
96 End If
97
98 If Target.CountLarge > 1 Then Exit Sub
99 If Not Intersect(Target, Range("G4,H4,D8:D99999" )) Is Nothing And Range("K" & Target.Row
100 ).Value <> "CI" Then 'Change this to any cell (or cells) you would like to have the
101 Pop-Up Calendar Appear
102 If Target.Row Mod 2 = 1 Then Exit Sub
103 CheckForSheet
104 CalendarShow
105 Else:
106 CheckForSheet
107 CalendarHide
108 End If
109
110 'Display Compound Entry Icon On Account Selection (Odd rows Only)
111
1

```

```
1
107 If Not Intersect(Target, Range("E9:E9999" )) Is Nothing And Target.Row Mod 2 = 1 And
Range("K" & Target.Row + 1).Value <> "CI" Then ShowCompEntryBtn Else: Shapes(
"CompoundBtn" ).Visible = msoFalse
108
109 'Display Hide Compound Entry Icon On Account Selection when Compound Items are Open
110 If Not Intersect(Target, Range("E9:E9999" )) Is Nothing And Range("K" & Target.Row).Value
= "CI" Or Range("K" & Target.Row + 1).Value = "CI" Then HideCmpndBtn Else: Shapes(
"HideCmpndBtn" ).Visible = msoFalse
111 End Sub
112
```


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1	Option Explicit
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```
1 Option Explicit
2
3 Sub ResetCalc()
4     With Application
5         .EnableEvents = True
6         .Calculation = xlCalculationAutomatic
7         .ScreenUpdating = True
8     End With
9 End Sub
10
11 Sub StopCalc()
12     With Application
13         .EnableEvents = False
14         .Calculation = xlCalculationManual
15         .ScreenUpdating = False
16     End With
17
18 End Sub
19
```

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X

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xlCalculationManual, [15](#)

```

1 Option Explicit
2 Sub CompoundEntry_AddRows()
3     Dim CIRow As Long
4     With Sheet1
5         CIRow = .Range("N3").Value 'Current Compound Item Row
6         .Range(CIRow + 1 & ":" & CIRow + 2).EntireRow.Insert
7         .Range(CIRow + 1 & ":" & CIRow + 2).Clear
8         .Range("CompoundRange").Copy
9         .Range("D" & CIRow + 1 & ":" & "K" & CIRow + 1).PasteSpecial xlPasteAll
10        .Range("D" & CIRow + 2 & ":" & "K" & CIRow + 2).PasteSpecial xlPasteAll
11        Application.CutCopyMode = False
12        .Range("E" & CIRow).Select
13    End With
14 End Sub
15 Sub CompoundEntry_Close()
16     Dim TransRow As Long
17     Dim CIRows As Long
18     Dim FoundC As Range
19     Dim FoundBlank As Range
20     With Sheet1
21         If .Range("B2").Value = Empty Then Exit Sub 'Exit on no row
22         TransRow = .Range("B2").Value
23
24         Set FoundBlank = .Range("K" & TransRow + 2 & ":K99999").Find("", , xlValues, xlWhole
25         , xlByRows, xlNext):
26         If Not FoundBlank Is Nothing Then CIRows = FoundBlank.Row - TransRow - 2
27         .Shapes("HideCmpndBtn").Visible = msoFalse
28         With .Shapes("CompoundBtn")
29             .Left = Sheet1.Range("E" & TransRow + 1).Left
30             .Top = Sheet1.Range("E" & TransRow + 1).Top
31             .IncrementLeft -14
32             .Visible = msoCTrue
33         End With
34         .Range(TransRow + 2 & ":" & TransRow + 2 + CIRows - 1).EntireRow.Delete
35     End With
36 End Sub
37 Sub CompoundEntry_Open()
38     Dim TransRow As Long
39     Dim LastTransRow As Long
40     Dim LastFiltRow As Long
41     Dim LastResultRow As Long
42     Dim CIRows As Long
43
44     With Sheet1
45         If .Range("B2").Value = Empty Then Exit Sub 'Exit on no row
46         TransRow = .Range("B2").Value
47
48         'Check if new or existing Compound Entry
49         If .Range("C" & TransRow).Value <> Empty Then 'Existing Compound Trans
50             Sheet3.Range("P3,P4").Value = .Range("C" & TransRow).Value 'Add in Transaction #
51             Sheet3.Range("U3,U4").Value = "CI"
52             Sheet3.Range("V3:AF9999").ClearContents 'Clear Previous results
53             LastTransRow = Sheet3.Range("D99999").End(xlUp).Row
54             If LastTransRow < 5 Then Exit Sub
55             Sheet3.Range("D4:N" & LastTransRow).AdvancedFilter xlFilterCopy, CriteriaRange:=
56             Sheet3.Range("P2:U4"), CopyToRange:=Sheet3.Range("V2:AG2"), Unique:=False
57             LastResultRow = Sheet3.Range("V9999").End(xlUp).Row 'Last Filtered Results Row
58             If LastResultRow < 3 Then Exit Sub
59             CIRows = LastResultRow - 2 'Determine the # of Compound Entry Rows
60             .Range(TransRow + 2 & ":" & TransRow + 2 + CIRows + (CIRows Mod 2)).EntireRow.

```

1 2 3

```

1 2 3
60 Insert 'Add CI Rows Plus One Extra if # of Rows are Odd
61 'Copy & Paste Compound Rows from Range Template
62 .Range("CompoundRange").Copy .Range("D" & TransRow + 2 & ":K" & TransRow + 2 +
63 CIRows + (CIRows Mod 2))
64 If .Range("G" & TransRow).Value <> Empty Then 'Add In Compound Credit Items
65 .Range("E" & TransRow + 2 & ":H" & TransRow + 1 + CIRows).Value = Sheet3.Range(
66 "AC3:AF" & LastResultRow).Value 'Credit Items
67 Else: 'Add in Compound Debit Items
68 .Range("E" & TransRow + 2 & ":H" & TransRow + 1 + CIRows).Value = Sheet3.Range(
69 "X3:AA" & LastResultRow).Value 'Debit Items
70 End If
71 .Range("L" & TransRow + 2 & ":L" & TransRow + 1 + CIRows).Value = Sheet3.Range(
72 "AG3:AG" & LastResultRow).Value 'Add In Row #'s
73 Else: 'New Compound Entry Transaction
74 Sheet3.Range("P3,P4,U3,U4").ClearContents 'Clear any Previous Criteria
75 .Range(TransRow + 2 & ":" & TransRow + 3).EntireRow.Insert
76 'Copy & Paste Compound Rows from Range Template
77 .Range("CompoundRange").Copy .Range("D" & TransRow + 2 & ":K" & TransRow + 3)
78 'Set Default Amounts (Credit or Debit)
79 If .Range("G" & TransRow).Value <> Empty Then 'Debit entry
80 .Range("H" & TransRow + 1).ClearContents
81 .Range("H" & TransRow + 2).Value = .Range("G" & TransRow).Value 'Set Default
82 Credit Amount
83 Else ' Credit Entry
84 .Range("G" & TransRow).ClearContents
85 .Range("G" & TransRow + 2).Value = .Range("H" & TransRow + 1).Value 'Set
86 Default Debit Amount
87 End If
88 End If
89 .Range("E" & TransRow + 2).Select
90 .Shapes("CompoundBtn").Visible = msoFalse
91 ShowSaveBtn
92 End With
93 End Sub
94
95 Sub HideCmpndBtn()
96 Dim TransRow As Long
97 TransRow = Sheet1.Range("B2").Value
98 Sheet1.Shapes("CompoundBtn").Visible = msoFalse
99 With Sheet1.Shapes("HideCmpndBtn")
100 .Left = Sheet1.Range("E" & TransRow + 1).Left
101 .Top = Sheet1.Range("E" & TransRow + 1).Top
102 .IncrementLeft -14
103 .Visible = msoCTrue
104 End With
105 End Sub
106
107 Sub ShowCompEntryBtn()
108 Dim TransRow As Long
109 TransRow = Sheet1.Range("B2").Value
110 Sheet1.Shapes("HideCmpndBtn").Visible = msoFalse
111 With Sheet1.Shapes("CompoundBtn")
112 .Left = Sheet1.Range("E" & TransRow + 1).Left
113 .Top = Sheet1.Range("E" & TransRow + 1).Top
114 .IncrementLeft -14
115 .Visible = msoCTrue
116 End With
117 End Sub

```

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```
1 Dim SelCell As Range
2 Dim DayName As String
3
4 .....Color Calendar Background'.....
5 Sub CalCol1()
6     With ActiveSheet.Shapes.Range(Array("CalBack" , "Settings" )).Select
7         With Selection.ShapeRange.Fill
8             .ForeColor.RGB = RGB(234, 234, 234)
9         End With
10        ActiveSheet.Range(Sheets("CalPopUp" ).Range("A7" ).Value).Select
11    End With
12 End Sub
13 Sub CalCol2()
14     With ActiveSheet.Shapes.Range(Array("CalBack" , "Settings" )).Select
15         With Selection.ShapeRange.Fill
16             .ForeColor.RGB = RGB(197, 190, 151)
17         End With
18        ActiveSheet.Range(Sheets("CalPopUp" ).Range("A7" ).Value).Select
19    End With
20 End Sub
21 Sub CalCol3()
22     With ActiveSheet.Shapes.Range(Array("CalBack" , "Settings" )).Select
23         With Selection.ShapeRange.Fill
24             .ForeColor.RGB = RGB(141, 180, 227)
25         End With
26        ActiveSheet.Range(Sheets("CalPopUp" ).Range("A7" ).Value).Select
27    End With
28 End Sub
29 Sub CalCol4()
30     With ActiveSheet.Shapes.Range(Array("CalBack" , "Settings" )).Select
31         With Selection.ShapeRange.Fill
32             .ForeColor.RGB = RGB(184, 204, 228)
33         End With
34        ActiveSheet.Range(Sheets("CalPopUp" ).Range("A7" ).Value).Select
35    End With
36 End Sub
37 Sub CalCol5()
38     With ActiveSheet.Shapes.Range(Array("CalBack" , "Settings" )).Select
39         With Selection.ShapeRange.Fill
40             .ForeColor.RGB = RGB(230, 185, 184)
41         End With
42        ActiveSheet.Range(Sheets("CalPopUp" ).Range("A7" ).Value).Select
43    End With
44 End Sub
45 Sub CalCol6()
46     With ActiveSheet.Shapes.Range(Array("CalBack" , "Settings" )).Select
47         With Selection.ShapeRange.Fill
48             .ForeColor.RGB = RGB(215, 228, 188)
49         End With
50        ActiveSheet.Range(Sheets("CalPopUp" ).Range("A7" ).Value).Select
51    End With
52 End Sub
53 Sub CalCol7()
54     With ActiveSheet.Shapes.Range(Array("CalBack" , "Settings" )).Select
55         With Selection.ShapeRange.Fill
56             .ForeColor.RGB = RGB(204, 192, 218)
57         End With
58        ActiveSheet.Range(Sheets("CalPopUp" ).Range("A7" ).Value).Select
59    End With
60 End Sub
61 Sub CalCol8()
```

1

```

1
62 With ActiveSheet.Shapes.Range(Array("CalBack" , "Settings" )).Select
63 With Selection.ShapeRange.Fill
64 .ForeColor.RGB = RGB(182, 221, 232)
65 End With
66 ActiveSheet.Range(Sheets("CalPopUp" ).Range("A7" ).Value).Select
67 End With
68 End Sub
69 Sub CalCol9()
70 With ActiveSheet.Shapes.Range(Array("CalBack" , "Settings" )).Select
71 With Selection.ShapeRange.Fill
72 .ForeColor.RGB = RGB(252, 213, 180)
73 End With
74 ActiveSheet.Range(Sheets("CalPopUp" ).Range("A7" ).Value).Select
75 End With
76 End Sub
77 Sub CalendarHide()
78 Dim DayNum As Long
79 'Hide Calendar, Reset Day Colors
80 On Error GoTo NoCal
81 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
82 Sheets("CalPopUp" ).Range("A7" ).Value = ""
83 If Sheets("CalPopUp" ).Range("A20" ).Value <> Empty Then
84 For DayNum = 1 To 42
85 DayName = DayNum & "Day"
86 With ActiveSheet.Shapes(DayName)
87 .Fill.ForeColor.RGB = RGB(255, 255, 255)
88 .TextFrame2.TextRange.Font.Bold = msoFalse
89 End With
90 Next DayNum
91 End If
92 Exit Sub
93 NoCal: 'If calendar has been removed by accident, paste in backup calendar from CalPopUp
Sheet
94 End Sub
95
96 Sub CalendarShow()
97 With ActiveSheet
98 On Error GoTo ExitSub
99 Set SelCell = Selection
100 On Error GoTo 0
101 'Check if active cell is a valid date
102 If IsDate(SelCell.Value) = True Then
103 Sheets("CalPopUp" ).Range("A1" ).Value = SelCell.Value
104 Else: 'If No Date or incorrect Date user current date
105 Sheets("CalPopUp" ).Range("A1" ).Value = "=Today()"
106 End If
107 Sheets("CalPopUp" ).Range("A3" ).Value = Month(Sheets("CalPopUp" ).Range("A1" ).Value)
'Set Month
108 Sheets("CalPopUp" ).Range("A2" ).Value = Year(Sheets("CalPopUp" ).Range("A1" ).Value)
'Set Year
109 DayName = Sheets("CalPopUp" ).Range("A20" ).Value & "Day"
110 UngroupCal
111 If InStr(.Shapes("NextTri" ).OnAction, "!" ) <> 0 Or InStr(.Shapes("1Day" ).
DrawingObject.Formula, "]" ) <> 0 Then 'Run Workbook Link Remover and Cell Link
Replacement
112 MacroLinkRemover
113 CalFormulaReplacement
114 End If
115 GroupCal
116 On Error GoTo NoCal
117 With ActiveSheet.Shapes(DayName)
1 2 3

```



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1 2 3
118     .Fill.ForeColor.RGB = RGB(252, 213, 180)
119     .TextFrame2.TextRange.Font.Bold = msoTrue
120     End With
121     On Error GoTo NoCal
122     .Shapes("Calendar" ).Visible = msoCTrue
123     .Shapes.Range(Array("Settings" , "CalCol1" , "CalCol2" , "CalCol3" , "CalCol4" ,
124     "CalCol5" , "CalCol6" , "CalCol7" , "CalCol8" , "CalCol9" )).Visible = False '
125     .Shapes("Calendar" ).Left = SelCell.Left
126     If SelCell.Row < 5 And ActiveWindow.ScrollRow > 6 Then .Shapes("Calendar" ).Top =
127     SelCell.Offset(ActiveWindow.ScrollRow - 4, 0).Top Else: .Shapes("Calendar" ).Top =
128     SelCell.Offset(1, 0).Top
129     If Sheets("CalPopUp" ).Range("A6" ).Value > 0 Then
130     .Shapes.Range(Array("36Day" , "37Day" , "38Day" , "39Day" , "40Day" , "41Day" ,
131     "42Day" )).Visible = True
132     Else:
133     .Shapes.Range(Array("36Day" , "37Day" , "38Day" , "39Day" , "40Day" , "41Day" ,
134     "42Day" )).Visible = False
135     End If
136     Sheets("CalPopUp" ).Range("A7" ).Value = SelCell.Address
137     ActiveCell.Select
138     End With
139     Exit Sub
140     NoCal:
141     MsgBox "The Pop-up Calendar does not exist on this worksheet. Please copy the calendar
142     over from another sheet and paste into this sheet"
143     ExitSub:
144     End Sub
145     Sub CalFormulaReplacement()
146     With ActiveSheet
147     Dim DayNum, ColNum, RowNum As Long
148     Dim Shp As Shape
149     ColNum = 2
150     RowNum = 1
151     For DayNum = 1 To 42
152     .Shapes(DayNum & "Day" ).DrawingObject.Formula = "=CalPopUp!" & .Cells(RowNum,
153     ColNum).Address
154     ColNum = ColNum + 1
155     If ColNum = 9 Then
156     ColNum = 2
157     RowNum = RowNum + 1
158     End If
159     Next DayNum
160     .Shapes("MonthYear" ).DrawingObject.Formula = "=CalPopUp!$A$5"
161     End With
162     End Sub
163     Sub CheckForSheet()
164     'Checks for existance of Calendar Pop-up Worksheet
165     Dim ws As Worksheet
166     On Error GoTo CreateWS
167     Set ws = ActiveWorkbook.Sheets("CalPopUp" )
168     Exit Sub
169     CreateWS:
170     CreateCalSht
171     End Sub
172     'Create Calendar Sheet on First Run of Calendar
173     Sub CreateCalSht()
174     Dim ColCnt, RowCnt, DayCnt, CalCol As Long
175     Dim ws, ActSht As Worksheet
176     Set ActSht = ActiveSheet

```

1

```

1
172 'On Error GoTo NoCal
173 ActiveSheet.Shapes("Calendar").Copy
174 Set ws = ThisWorkbook.Sheets.Add(After:=ThisWorkbook.Sheets(ThisWorkbook.Sheets.Count))
175 ws.Name = "CalPopUp"
176 ActSht.Activate
177
178 'Reassign Shape Links & Macros
179 With ActiveSheet
180     UnGroupCal
181     '.Unprotect
182     .Shapes("NextRec").OnAction = "" & ActiveWorkbook.Name & "!NextMonth"
183     .Shapes("NextTri").OnAction = "" & ActiveWorkbook.Name & "!NextMonth"
184     .Shapes("PrevRec").OnAction = "" & ActiveWorkbook.Name & "!PrevMonth"
185     .Shapes("PrevTri").OnAction = "" & ActiveWorkbook.Name & "!PrevMonth"
186     .Shapes("SetBtn").OnAction = "" & ActiveWorkbook.Name & "!ShowSettings"
187     .Shapes("MonthYear").DrawingObject.Formula = "=CalPopUp!A5"
188     DayCnt = 1
189     For RowCnt = 1 To 6
190         For ColCnt = 2 To 8
191             .Shapes(DayCnt & "Day").DrawingObject.Formula = "=CalPopUp!" & .Cells(RowCnt,
192             ColCnt).Address 'Assigned Linked Cell
193             .Shapes(DayCnt & "Day").OnAction = "" & ActiveWorkbook.Name & "!DayBtn" &
194             DayCnt 'Assign Macro
195             DayCnt = DayCnt + 1
196         Next ColCnt
197     Next RowCnt
198
199     'Assign Color Macros
200     For CalCol = 1 To 9
201         .Shapes("CalCol" & CalCol).OnAction = "" & ActiveWorkbook.Name & "!CalCol" &
202         CalCol
203     Next CalCol
204 End With
205
206 With Sheets("CalPopUp")
207     .Paste
208     .Visible = xlSheetHidden
209
210     'Add in Formulas and Details
211     .Range("A4").Value = "=INDEX(CalMonths,A3,)"
212     .Range("A5").Value = "=A4&" & Chr(34) & " " & Chr(34) & "&CalYear"
213     .Range("A6").Value = "=SUM(B6:H6)"
214     .Range("A8").Value = "January"
215     .Range("A8").AutoFill Destination:=.Range("A8:A19"), Type:=xlFillDefault
216     .Range("A20").Value =
217     "=IFERROR(INDIRECT(ADDRESS(SUMPRODUCT((B1:H6=A1)*ROW(B1:H6))+6,SUMPRODUCT((B1:H6=A1)*COL
218     UMN(B1:H6)),1,1)),&" & Chr(34) & Chr(34) & ")"
219     'Set Defined Names
220     ActiveWorkbook.Names.Add Name:="CalMonths", RefersTo:="=CalPopUp!$A$8:$A$19"
221     ActiveWorkbook.Names.Add Name:="CalYear", RefersTo:="=CalPopUp!$A$2"
222
223     'Add in Calendar Formulas
224     .Range("B1").Value =
225     "=IF(WEEKDAY(DATE(CalYear,MATCH($A$4,CalMonths,0),1))=1,DATE(CalYear,MATCH($A$4,CalMonth
226     s,0),1),&" & Chr(34) & Chr(34) & ")"
227     .Range("C1").Value = "=IF(B1<>" & Chr(34) & Chr(34) &
228     ",B1+1,IF(WEEKDAY(DATE(CalYear,MATCH($A$4,CalMonths,0),1))=2,DATE(CalYear,MATCH($A$4,Cal
229     Months,0),1),&" & Chr(34) & Chr(34) & ")"
230     .Range("D1").Value = "=IF(C1<>" & Chr(34) & Chr(34) &
231     ",C1+1,IF(WEEKDAY(DATE(CalYear,MATCH($A$4,CalMonths,0),1))=3,DATE(CalYear,MATCH($A$4,Cal
232     Months,0),1),&" & Chr(34) & Chr(34) & ")"

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1 2
222 .Range("E1").Value = "=IF(D1<>" & Chr(34) & Chr(34) &
    ",D1+1,IF(WEEKDAY(DATE(CalYear,MATCH($A$4,CalMonths,0),1))=4,DATE(CalYear,MATCH($A$4,Cal
    Months,0),1)," & Chr(34) & Chr(34) & ")"
223 .Range("F1").Value = "=IF(E1<>" & Chr(34) & Chr(34) &
    ",E1+1,IF(WEEKDAY(DATE(CalYear,MATCH($A$4,CalMonths,0),1))=5,DATE(CalYear,MATCH($A$4,Cal
    Months,0),1)," & Chr(34) & Chr(34) & ")"
224 .Range("G1").Value = "=IF(F1<>" & Chr(34) & Chr(34) &
    ",F1+1,IF(WEEKDAY(DATE(CalYear,MATCH($A$4,CalMonths,0),1))=6,DATE(CalYear,MATCH($A$4,Cal
    Months,0),1)," & Chr(34) & Chr(34) & ")"
225 .Range("H1").Value = "=IF(G1<>" & Chr(34) & Chr(34) &
    ",G1+1,IF(WEEKDAY(DATE(CalYear,MATCH($A$4,CalMonths,0),1))=7,DATE(CalYear,MATCH($A$4,Cal
    Months,0),1)," & Chr(34) & Chr(34) & ")"
226 .Range("B2").Value = "=H1+1"
227 .Range("C2").Value = "=B2+1"
228 .Range("C2").AutoFill Destination:=.Range("C2:H2"), Type:=xlFillDefault
229 .Range("B2:H2").AutoFill Destination:=.Range("B2:H4"), Type:=xlFillDefault
230 .Range("B5").Value = "=IF(OR(H4=" & Chr(34) & Chr(34) & ",MONTH(H4+1)<>$A$3)," & Chr
    (34) & Chr(34) & ",H4+1)"
231 .Range("C5").Value = "=IFERROR(IF(MONTH(B5+1)<>$A$3," & Chr(34) & Chr(34) &
    ",B5+1)," & Chr(34) & Chr(34) & ")"
232 .Range("B6").Value = "=IFERROR(IF(OR(H5=" & Chr(34) & Chr(34) &
    ",MONTH(H5+1)<>$A$3)," & Chr(34) & Chr(34) & ",H5+1)," & Chr(34) & Chr(34) & ")"
233 .Range("C6").Value = "=IFERROR(F(MONTH(I5+1)<>$A$3," & Chr(34) & Chr(34) & ",I5+1),"
    & Chr(34) & Chr(34) & ")"
234 .Range("C5:C6").AutoFill Destination:=.Range("C5:H6"), Type:=xlFillDefault
235
236 'Set format to Single Day
237 .Range("B1:H6").NumberFormat = "d"
238
239 'Add in relative Day #'s
240 .Range("B7").Value = "1"
241 .Range("C7").Value = "2"
242 .Range("B8").Value = "8"
243 .Range("C8").Value = "9"
244 .Range("B7:C8").AutoFill Destination:=.Range("B7:H8"), Type:=xlFillDefault
245 .Range("B7:H8").AutoFill Destination:=.Range("B7:H12"), Type:=xlFillDefault
246 GroupCal
247 End With
248 Exit Sub
249 NoCal:
250 MsgBox "The Pop-up Calendar does not exist on this worksheet. Please copy the calendar
    over from another sheet and paste into this sheet"
251 End Sub
252
253 .....
254 ''''Individual Day Selection Buttons
255 .....
256
257 Sub DayBtn1()
258 With Sheets("CalPopUp")
259 If .Range("B1").Value <> Empty And .Range("A7").Value <> Empty Then
260 ActiveSheet.Range(.Range("A7").Value).Value = .Range("B1").Value
261 End If
262 ActiveSheet.Shapes("Calendar").Visible = msoFalse
263 ActiveCell.Offset(0, 1).Select
264 End With
265 End Sub
266 Sub DayBtn10()
267 With Sheets("CalPopUp")
268 If .Range("D2").Value <> Empty And .Range("A7").Value <> Empty Then
269 ActiveSheet.Range(.Range("A7").Value).Value = .Range("D2").Value

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1 2 3

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1 2 3
270 End If
271 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
272 ActiveCell.Offset(0, 1).Select
273 End With
274 End Sub
275 Sub DayBtn11()
276 With Sheets("CalPopUp" )
277 If .Range("E2" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
278 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("E2" ).Value
279 End If
280 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
281 ActiveCell.Offset(0, 1).Select
282 End With
283 End Sub
284 Sub DayBtn12()
285 With Sheets("CalPopUp" )
286 If .Range("F2" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
287 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("F2" ).Value
288 End If
289 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
290 ActiveCell.Offset(0, 1).Select
291 End With
292 End Sub
293 Sub DayBtn13()
294 With Sheets("CalPopUp" )
295 If .Range("G2" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
296 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("G2" ).Value
297 End If
298 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
299 ActiveCell.Offset(0, 1).Select
300 End With
301 End Sub
302 Sub DayBtn14()
303 With Sheets("CalPopUp" )
304 If .Range("H2" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
305 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("H2" ).Value
306 End If
307 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
308 ActiveCell.Offset(0, 1).Select
309 End With
310 End Sub
311 Sub DayBtn15()
312 With Sheets("CalPopUp" )
313 If .Range("B3" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
314 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("B3" ).Value
315 End If
316 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
317 ActiveCell.Offset(0, 1).Select
318 End With
319 End Sub
320 Sub DayBtn16()
321 With Sheets("CalPopUp" )
322 If .Range("C3" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
323 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("C3" ).Value
324 End If
325 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
326 ActiveCell.Offset(0, 1).Select
327 End With
328 End Sub
329 Sub DayBtn17()
330 With Sheets("CalPopUp" )
```

1 2

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1 2
331 If .Range("D3" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
332     ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("D3" ).Value
333 End If
334 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
335 ActiveCell.Offset(0, 1).Select
336 End With
337 End Sub
338 Sub DayBtn18()
339     With Sheets("CalPopUp" )
340         If .Range("E3" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
341             ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("E3" ).Value
342         End If
343         ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
344         ActiveCell.Offset(0, 1).Select
345     End With
346 End Sub
347 Sub DayBtn19()
348     With Sheets("CalPopUp" )
349         If .Range("F3" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
350             ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("F3" ).Value
351         End If
352         ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
353         ActiveCell.Offset(0, 1).Select
354     End With
355 End Sub
356 Sub DayBtn2()
357     With Sheets("CalPopUp" )
358         If .Range("C1" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
359             ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("C1" ).Value
360         End If
361         ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
362         ActiveCell.Offset(0, 1).Select
363     End With
364 End Sub
365 Sub DayBtn20()
366     With Sheets("CalPopUp" )
367         If .Range("G3" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
368             ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("G3" ).Value
369         End If
370         ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
371         ActiveCell.Offset(0, 1).Select
372     End With
373 End Sub
374 Sub DayBtn21()
375     With Sheets("CalPopUp" )
376         If .Range("H3" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
377             ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("H3" ).Value
378         End If
379         ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
380         ActiveCell.Offset(0, 1).Select
381     End With
382 End Sub
383 Sub DayBtn22()
384     With Sheets("CalPopUp" )
385         If .Range("B4" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
386             ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("B4" ).Value
387         End If
388         ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
389         ActiveCell.Offset(0, 1).Select
390     End With
391 End Sub
```

```
392 Sub DayBtn23()  
393 With Sheets("CalPopUp" )  
394 If .Range("C4" ).Value <> Empty And .Range("A7" ).Value <> Empty Then  
395 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("C4" ).Value  
396 End If  
397 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse  
398 ActiveCell.Offset(0, 1).Select  
399 End With  
400 End Sub  
401 Sub DayBtn24()  
402 With Sheets("CalPopUp" )  
403 If .Range("D4" ).Value <> Empty And .Range("A7" ).Value <> Empty Then  
404 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("D4" ).Value  
405 End If  
406 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse  
407 ActiveCell.Offset(0, 1).Select  
408 End With  
409 End Sub  
410 Sub DayBtn25()  
411 With Sheets("CalPopUp" )  
412 If .Range("E4" ).Value <> Empty And .Range("A7" ).Value <> Empty Then  
413 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("E4" ).Value  
414 End If  
415 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse  
416 ActiveCell.Offset(0, 1).Select  
417 End With  
418 End Sub  
419 Sub DayBtn26()  
420 With Sheets("CalPopUp" )  
421 If .Range("F4" ).Value <> Empty And .Range("A7" ).Value <> Empty Then  
422 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("F4" ).Value  
423 End If  
424 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse  
425 ActiveCell.Offset(0, 1).Select  
426 End With  
427 End Sub  
428 Sub DayBtn27()  
429 With Sheets("CalPopUp" )  
430 If .Range("G4" ).Value <> Empty And .Range("A7" ).Value <> Empty Then  
431 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("G4" ).Value  
432 End If  
433 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse  
434 ActiveCell.Offset(0, 1).Select  
435 End With  
436 End Sub  
437 Sub DayBtn28()  
438 With Sheets("CalPopUp" )  
439 If .Range("H4" ).Value <> Empty And .Range("A7" ).Value <> Empty Then  
440 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("H4" ).Value  
441 End If  
442 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse  
443 ActiveCell.Offset(0, 1).Select  
444 End With  
445 End Sub  
446 Sub DayBtn29()  
447 With Sheets("CalPopUp" )  
448 If .Range("B5" ).Value <> Empty And .Range("A7" ).Value <> Empty Then  
449 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("B5" ).Value  
450 End If  
451 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse  
452 ActiveCell.Offset(0, 1).Select
```

```
1 2
453 End With
454 End Sub
455 Sub DayBtn3()
456 With Sheets("CalPopUp" )
457 If .Range("D1" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
458 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("D1" ).Value
459 End If
460 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
461 ActiveCell.Offset(0, 1).Select
462 End With
463 End Sub
464 Sub DayBtn30()
465 With Sheets("CalPopUp" )
466 If .Range("C5" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
467 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("C5" ).Value
468 End If
469 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
470 ActiveCell.Offset(0, 1).Select
471 End With
472 End Sub
473 Sub DayBtn31()
474 With Sheets("CalPopUp" )
475 If .Range("D5" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
476 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("D5" ).Value
477 End If
478 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
479 ActiveCell.Offset(0, 1).Select
480 End With
481 End Sub
482 Sub DayBtn32()
483 With Sheets("CalPopUp" )
484 If .Range("E5" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
485 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("E5" ).Value
486 End If
487 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
488 ActiveCell.Offset(0, 1).Select
489 End With
490 End Sub
491 Sub DayBtn33()
492 With Sheets("CalPopUp" )
493 If .Range("F5" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
494 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("F5" ).Value
495 End If
496 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
497 ActiveCell.Offset(0, 1).Select
498 End With
499 End Sub
500 Sub DayBtn34()
501 With Sheets("CalPopUp" )
502 If .Range("G5" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
503 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("G5" ).Value
504 End If
505 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
506 ActiveCell.Offset(0, 1).Select
507 End With
508 End Sub
509 Sub DayBtn35()
510 With Sheets("CalPopUp" )
511 If .Range("H5" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
512 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("H5" ).Value
513 End If
```

1 2

```
1 2
514 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
515 ActiveCell.Offset(0, 1).Select
516 End With
517 End Sub
518 Sub DayBtn36()
519 With Sheets("CalPopUp" )
520 If .Range("B6" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
521 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("B6" ).Value
522 End If
523 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
524 ActiveCell.Offset(0, 1).Select
525 End With
526 End Sub
527 Sub DayBtn37()
528 With Sheets("CalPopUp" )
529 If .Range("C6" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
530 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("C6" ).Value
531 End If
532 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
533 ActiveCell.Offset(0, 1).Select
534 End With
535 End Sub
536 Sub DayBtn38()
537 With Sheets("CalPopUp" )
538 If .Range("D6" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
539 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("D6" ).Value
540 End If
541 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
542 ActiveCell.Offset(0, 1).Select
543 End With
544 End Sub
545 Sub DayBtn39()
546 With Sheets("CalPopUp" )
547 If .Range("E6" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
548 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("E6" ).Value
549 End If
550 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
551 ActiveCell.Offset(0, 1).Select
552 End With
553 End Sub
554 Sub DayBtn4()
555 With Sheets("CalPopUp" )
556 If .Range("E1" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
557 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("E1" ).Value
558 End If
559 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
560 ActiveCell.Offset(0, 1).Select
561 End With
562 End Sub
563 Sub DayBtn40()
564 With Sheets("CalPopUp" )
565 If .Range("F6" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
566 ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("F6" ).Value
567 End If
568 ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
569 ActiveCell.Offset(0, 1).Select
570 End With
571 End Sub
572 Sub DayBtn41()
573 With Sheets("CalPopUp" )
574 If .Range("G6" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
```

1 2 3


```
1 2 3
575     ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("G6" ).Value
576     End If
577     ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
578     ActiveCell.Offset(0, 1).Select
579     End With
580 End Sub
581 Sub DayBtn42()
582     With Sheets("CalPopUp" )
583     If .Range("H6" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
584         ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("H6" ).Value
585     End If
586     ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
587     ActiveCell.Offset(0, 1).Select
588     End With
589 End Sub
590 Sub DayBtn5()
591     With Sheets("CalPopUp" )
592     If .Range("F1" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
593         ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("F1" ).Value
594     End If
595     ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
596     ActiveCell.Offset(0, 1).Select
597     End With
598 End Sub
599 Sub DayBtn6()
600     With Sheets("CalPopUp" )
601     If .Range("G1" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
602         ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("G1" ).Value
603     End If
604     ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
605     ActiveCell.Offset(0, 1).Select
606     End With
607 End Sub
608 Sub DayBtn7()
609     With Sheets("CalPopUp" )
610     If .Range("H1" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
611         ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("H1" ).Value
612     End If
613     ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
614     ActiveCell.Offset(0, 1).Select
615     End With
616 End Sub
617 Sub DayBtn8()
618     With Sheets("CalPopUp" )
619     If .Range("B2" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
620         ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("B2" ).Value
621     End If
622     ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
623     ActiveCell.Offset(0, 1).Select
624     End With
625 End Sub
626 Sub DayBtn9()
627     With Sheets("CalPopUp" )
628     If .Range("C2" ).Value <> Empty And .Range("A7" ).Value <> Empty Then
629         ActiveSheet.Range(.Range("A7" ).Value).Value = .Range("C2" ).Value
630     End If
631     ActiveSheet.Shapes("Calendar" ).Visible = msoFalse
632     ActiveCell.Offset(0, 1).Select
633     End With
634 End Sub
635 Sub GroupCal()
1
```

```

1
636 ActiveSheet.Shapes.Range(Array("NextTri" , "NextRec" )).Group.Select
637 Selection.ShapeRange.Name = "NextMonth"
638 ActiveSheet.Shapes.Range(Array("PrevTri" , "PrevRec" )).Group.Select
639 Selection.ShapeRange.Name = "PrevMonth"
640 ActiveSheet.Shapes.Range(Array("Settings" , "40Day" , "41Day" , "39Day" , "38Day" _
641     , "42Day" , "37Day" , "36Day" , "CalBack" , "MonthYear" , "CalBorder" , "1Day" , _
642     "3Day" , "14Day" , "7Day" , "4Day" , "2Day" , "5Day" , "8Day" , "10Day" , "6Day" , _
643     "13Day" , "11Day" , "9Day" , "12Day" , "15Day" , "17Day" , "20Day" , "21Day" ,
    "18Day" _
644     , "16Day" , "19Day" , "22Day" , "24Day" , "26Day" , "27Day" , "25Day" , "23Day" , _
645     "28Day" , "29Day" , "31Day" , "34Day" , "35Day" , "32Day" , "30Day" , "33Day" , "Sa" ,
    _
646     "Fr" , "Th" , "We" , "Tu" , "Mo" , "Su" , "SetBtn" , "CalCol1" , "CalCol2" ,
    "CalCol3" , _
647     "CalCol4" , "CalCol5" , "CalCol6" , "CalCol7" , "CalCol8" , "CalCol9" , "PrevMonth" ,
    _
648     "NextMonth" )).Visible = msoCTrue
649 ActiveSheet.Shapes.Range(Array("Settings" , "40Day" , "41Day" , "39Day" , "38Day" _
650     , "42Day" , "37Day" , "36Day" , "CalBack" , "MonthYear" , "CalBorder" , "1Day" , _
651     "3Day" , "14Day" , "7Day" , "4Day" , "2Day" , "5Day" , "8Day" , "10Day" , "6Day" , _
652     "13Day" , "11Day" , "9Day" , "12Day" , "15Day" , "17Day" , "20Day" , "21Day" , "18Day" _
653     , "16Day" , "19Day" , "22Day" , "24Day" , "26Day" , "27Day" , "25Day" , "23Day" , _
654     "28Day" , "29Day" , "31Day" , "34Day" , "35Day" , "32Day" , "30Day" , "33Day" , "Sa" , _
655     "Fr" , "Th" , "We" , "Tu" , "Mo" , "Su" , "SetBtn" , "CalCol1" , "CalCol2" , "CalCol3" ,
    _
656     "CalCol4" , "CalCol5" , "CalCol6" , "CalCol7" , "CalCol8" , "CalCol9" , "PrevMonth" , _
657     "NextMonth" )).Select
658 Selection.ShapeRange.Group.Select
659 Selection.ShapeRange.Name = "Calendar"
660 Selection.Name = "Calendar"
661 Selection.Placement = xlMove
662 ActiveSheet.Shapes("Calendar" ).Placement = 2
663 End Sub
664
665
666
667
668
669
670
671
672 Sub MacroLinkRemover()
673 'PURPOSE: Remove an external workbook reference from all shapes triggering macros
674 'Source: www.ExcelForFreelancers.com
675 Dim Shp As Shape
676 Dim MacroLink, NewLink As String
677 Dim SplitLink As Variant
678
679 For Each Shp In ActiveSheet.Shapes 'Loop through each shape in worksheet
680
681     'Grab current macro link (if available)
682     On Error GoTo NextShp
683     MacroLink = Shp.OnAction
684
685     'Determine if shape was linking to a macro
686     If MacroLink <> "" And InStr(MacroLink, "!") <> 0 Then
687         'Split Macro Link at the exclamation mark (store in Array)
688         SplitLink = Split(MacroLink, "!")
689
690         'Pull text occurring after exclamation mark
691         NewLink = SplitLink(1)

```

1 2 3

```

1 2 3
692
693     'Remove any stragglng apostrophes from workbook name
694     If Right(NewLink, 1) = "'" Then
695         NewLink = Left(NewLink, Len(NewLink) - 1)
696     End If
697
698     'Apply New Link
699     Shp.OnAction = NewLink
700 End If
701 NextShp:
702 Next Shp
703 End Sub
704 Sub NextMonth()
705     'Next Month button
706     If Sheets("CalPopUp" ).Range("A20" ).Value <> Empty Then
707         DayName = Sheets("CalPopUp" ).Range("A20" ).Value & "Day"
708         With ActiveSheet.Shapes(DayName)
709             .Fill.ForeColor.RGB = RGB(255, 255, 255)
710             .TextFrame2.TextRange.Font.Bold = msoFalse
711         End With
712     End If
713     With Sheets("CalPopUp" )
714         If .Range("A3" ).Value = 12 Then
715             .Range("A3" ).Value = 1
716             .Range("A2" ).Value = .Range("A2" ).Value + 1
717         Else:
718             .Range("A3" ).Value = .Range("A3" ).Value + 1
719         End If
720         If .Range("A6" ).Value > 0 Then
721             ActiveSheet.Shapes.Range(Array("36Day" , "37Day" , "38Day" , "39Day" , "40Day" ,
722                 "41Day" , "42Day" )).Visible = True
723         Else:
724             ActiveSheet.Shapes.Range(Array("36Day" , "37Day" , "38Day" , "39Day" , "40Day" ,
725                 "41Day" , "42Day" )).Visible = False
726         End If
727     End With
728 End Sub
729 Sub PrevMonth()
730     'Previous Month Button
731     If Sheets("CalPopUp" ).Range("A20" ).Value <> Empty Then
732         DayName = Sheets("CalPopUp" ).Range("A20" ).Value & "Day"
733         With ActiveSheet.Shapes(DayName)
734             .Fill.ForeColor.RGB = RGB(255, 255, 255)
735             .TextFrame2.TextRange.Font.Bold = msoFalse
736         End With
737     End If
738     With Sheets("CalPopUp" )
739         If .Range("A3" ).Value = 1 Then
740             .Range("A3" ).Value = 12
741             .Range("A2" ).Value = .Range("A2" ).Value - 1
742         Else:
743             .Range("A3" ).Value = .Range("A3" ).Value - 1
744         End If
745         If .Range("A6" ).Value > 0 Then
746             ActiveSheet.Shapes.Range(Array("36Day" , "37Day" , "38Day" , "39Day" , "40Day" ,
747                 "41Day" , "42Day" )).Visible = True
748         Else:
749             ActiveSheet.Shapes.Range(Array("36Day" , "37Day" , "38Day" , "39Day" , "40Day" ,
750                 "41Day" , "42Day" )).Visible = False
751         End If
752     End With
753 End Sub

```

1

```
1
749 End Sub
750 Sub ShowSettings()
751     'Show or Hide Calendar Settings Panel
752     If ActiveSheet.Shapes.Range(Array("Settings" )).Visible = True Then
753         ActiveSheet.Shapes.Range(Array("Settings" , "CalCol1" , "CalCol2" , "CalCol3" ,
            "CalCol4" , "CalCol5" , "CalCol6" , "CalCol7" , "CalCol8" , "CalCol9" )).Visible =
            False
754     Else:
755         ActiveSheet.Shapes.Range(Array("Settings" , "CalCol1" , "CalCol2" , "CalCol3" ,
            "CalCol4" , "CalCol5" , "CalCol6" , "CalCol7" , "CalCol8" , "CalCol9" )).Visible = True
756     End If
757 End Sub
758
759 Sub UngroupCal()
760     On Error Resume Next
761     ActiveSheet.Shapes("Calendar" ).Ungroup
762     ActiveSheet.Shapes("NextMonth" ).Ungroup
763     ActiveSheet.Shapes("PrevMonth" ).Ungroup
764     On Error GoTo 0
765 End Sub
```

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Option Explicit

```

1  Option Explicit
2
3
4  Sub LoadTransactions()
5      Dim LastResultsRow As Long
6      Dim ResultsRow As Long
7      Dim TransRow As Long
8      Dim LastCIRow As Long
9      Dim LastTransDataRow As Long
10     Sheet1.Range("B1" ).Value = True 'Set Load To True
11     StopCalc
12     LastCIRow = Sheet1.Range("K99999" ).End(xlUp).Row
13     'Delete All Compound Entry Item Rows
14     If LastCIRow > 8 Then
15         For TransRow = LastCIRow To 8 Step -1 'Delete in Reverse Order
16             If Sheet1.Range("K" & TransRow).Value = "CI" Then Sheet1.Range(TransRow & ":" &
17                 TransRow).EntireRow.Delete
18         Next TransRow
19     End If
20     Sheet1.Range("C8:H99999,K8:L99999" ).ClearContents
21     With Sheet3 'Transaction Sheet
22         .Range("P3,P4,U3,U4,V3:AF99999" ).ClearContents 'Clear Results
23         .Range("U3,U4" ).Value = "="
24         LastTransDataRow = .Range("E99999" ).End(xlUp).Row
25         If LastTransDataRow < 5 Then GoTo NoData
26         .Range("D4:N" & LastTransDataRow).AdvancedFilter xlFilterCopy, CriteriaRange:=.Range(
27             "Q2:U4" ), CopyToRange:=.Range("V2:AF2" ), Unique:=False
28         LastResultsRow = .Range("W99999" ).End(xlUp).Row
29         'Sort List Based on Date
30         .Sort.SortFields.Clear
31         .Sort.SortFields.Add Key:=.Range("W3" ), SortOn:=xlSortOnValues, Order:=xlAscending,
32             DataOption:=xlSortNormal
33     With .Sort
34         .SetRange Range("V3:AF" & LastResultsRow)
35         .Apply
36     End With
37     TransRow = 8
38     For ResultsRow = 3 To LastResultsRow Step 2
39         Sheet1.Range("C" & TransRow & ":H" & TransRow).Value = .Range("V" & ResultsRow &
40             ":AA" & ResultsRow).Value
41         Sheet1.Range("D" & TransRow + 1 & ":H" & TransRow + 1).Value = .Range("AB" &
42             ResultsRow + 1 & ":AF" & ResultsRow + 1).Value
43         TransRow = TransRow + 2
44     Next ResultsRow
45     NoData:
46     Sheet1.Range("B1" ).Value = False 'Set Load To False
47     ResetCalc
48 End With
49 End Sub
50
51 Sub ShowSaveBtn()
52     With Sheet1
53         Dim SelRow As Long
54         If .Range("B2" ).Value = Empty Then Exit Sub
55         SelRow = .Range("B2" ).Value
56         With .Shapes("SaveBtn" )
57             .Left = Sheet1.Range("J" & SelRow).Left
58             .Top = Sheet1.Range("J" & SelRow).Top
59             .IncrementLeft 3
60             .IncrementTop 2
61             .Visible = msoCTrue

```

```
57      1 2 3  
58      | | | End With  
59      | | End With  
        | End Sub
```

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```

1 Option Explicit
2
3 Sub Trans_Save()
4     Dim LastTransRow As Long
5     Dim SelRow As Long
6     Dim AddCol As Long
7     Dim TransRow As Long
8     Dim TransNumb As Long
9     Dim CompItemRows As Long
10    Dim CompItemRow
11    Dim DebitAmt As Double
12    Dim CreditAmt As Double
13    Dim DebitAcct As String
14    Dim CreditAcct As String
15    Dim CompEntry As Boolean
16
17    With Sheet1
18        SelRow = .Range("B2").Value 'Selected Transaction Row
19
20        'Determine Compound Entry or not
21        If .Range("E" & SelRow + 1).Value <> "[Compound Entry]" Then 'Simple Journal Entry
22            CompEntry = False
23        Else: 'Compound Journal Entry
24            CompEntry = True
25            'Open Compound Transaction (if not open) to check for proper balance
26            If .Range("K" & SelRow + 2).Value <> "CI" Then CompoundEntry_Open
27            If .Range("G" & SelRow).Value <> "" Then AddCol = 1 Else: AddCol = 0 'SetAdd
                Column for Compound Entries
28            CompItemRows = .Range("K" & SelRow + 2 & ":K99999").Find("", , xlValues, xlWhole,
                xlByRows, xlNext).Row - SelRow - 2 'Number Of Compound Item Rows
29            If CompItemRows < 1 Then Exit Sub
30        End If
31
32        'Check for balancing Transaction
33        If CompEntry = False Then 'Simple Journal Entry
34            If .Range("G" & SelRow).Value <> .Range("H" & SelRow + 1).Value Or .Range("G" &
                SelRow + 1).Value <> .Range("H" & SelRow).Value Then
35                MsgBox "Please make sure your entry is in balance. Debits must equal Credits"
36                Exit Sub
37            End If
38        Else: 'Compound Entry
39
40            If .Range("G" & SelRow).Value <> Empty Then 'Debit Entry (Compound Credit)
41                DebitAmt = .Range("G" & SelRow).Value
42                CreditAmt = Application.WorksheetFunction.Sum(.Range("H" & SelRow + 2 & ":H" &
                SelRow + 1 + CompItemRows))
43            Else: 'Credit Entry (Compound Debit)
44                CreditAmt = .Range("H" & SelRow + 1).Value 'Determine Debit or Credit Base
                Transaction
45                DebitAmt = Application.WorksheetFunction.Sum(.Range("G" & SelRow + 1 & ":G" &
                SelRow + 1 + CompItemRows))
46            End If
47
48            If DebitAmt <> CreditAmt Then
49                MsgBox "Please make sure your Compound Journal Entry is in balance." & vbCrLf &
                "Debits must equal Credits"
50                Exit Sub
51            End If
52        End If
53
54        'Check for accounts

```

```

1 2
55 If CompEntry = False Then 'Simple Journal Entry
56 If .Range("E" & SelRow).Value = Empty Or .Range("E" & SelRow + 1).Value = Empty
57 Then
58     MsgBox "Both From & To Accounts are Required"
59     Exit Sub
60 End If
61 Else: 'Compound Entry
62     'Run Loop To Check for Accounts & Amounts for each Compound Item
63     For CompItemRow = SelRow + 2 To SelRow + CompItemRows + 1
64         If .Cells(CompItemRow, 7 + AddCol).Value <> Empty And .Range("E" & CompItemRow).
65             Value = Empty Then
66                 MsgBox "Please make sure every Compound Item Contains an Account"
67             End
68         End If
69     Next CompItemRow
70 End If
71
72 'Check for Date
73 If .Range("D" & SelRow).Value = Empty Then
74     MsgBox "Please enter a valid date"
75     Exit Sub
76 End If
77
78 'New or existing Transaction?
79 If .Range("B4" ).Value = Empty Then 'New Transaction
80     TransRow = Sheet3.Range("D999999" ).End(xlUp).Row + 1
81     TransNumb = .Range("B7" ).Value 'New Transaction #
82 Else: 'Existing Transaction
83     TransRow = .Range("B4" ).Value 'Existing Transaction Row
84     TransNumb = .Range("B3" ).Value 'Existing Transaction #
85 End If
86
87 Sheet3.Range("D" & TransRow, "D" & TransRow + 1).Value = TransNumb 'Transaction
88 Number
89 Sheet3.Range("E" & TransRow, "E" & TransRow + 1).Value = .Range("D" & SelRow).Value
90 'Transaction Date
91 Sheet3.Range("F" & TransRow, "F" & TransRow + 1).Value = .Range("D" & SelRow + 1).
92 Value 'Transaction Type
93 Sheet3.Range("G" & TransRow, "G" & TransRow + 1).Value = .Range("F" & SelRow).Value
94 'Name/Vendor
95 Sheet3.Range("M" & TransRow, "M" & TransRow + 1).Value = .Range("F" & SelRow + 1).
96 Value 'Memo
97
98 If .Range("G" & SelRow).Value <> "" Then
99     Sheet3.Range("H" & TransRow, "H" & TransRow + 1).Value = .Range("E" & SelRow).
100 Value 'Debit Account
101 Sheet3.Range("I" & TransRow, "I" & TransRow + 1).Value = .Range("E" & SelRow + 1)
102 .Value 'Credit Account
103 Else:
104     Sheet3.Range("H" & TransRow, "H" & TransRow + 1).Value = .Range("E" & SelRow + 1)
105 .Value 'Credit Account
106 Sheet3.Range("I" & TransRow, "I" & TransRow + 1).Value = .Range("E" & SelRow).
107 Value 'Debit Account
108 End If
109
110 If .Range("G" & SelRow).Value <> "" Then
111     Sheet3.Range("J" & TransRow).Value = .Range("G" & SelRow).Value 'Debit Amount

```

1 2 3

```

1 2 3
105 Sheet3.Range("K" & TransRow + 1).Value = .Range("H" & SelRow + 1).Value 'Credit
    Amount
106 Sheet3.Range("J" & TransRow + 1).ClearContents 'Clear Other Two Fields
107 Sheet3.Range("K" & TransRow).ClearContents 'Clear Other Two Fields
108 Else:
109 Sheet3.Range("J" & TransRow + 1).Value = .Range("G" & SelRow + 1).Value 'Debit
    Amount
110 Sheet3.Range("K" & TransRow).Value = .Range("H" & SelRow).Value 'CreditAmount
111 Sheet3.Range("J" & TransRow).ClearContents 'Clear Other Two Fields
112 Sheet3.Range("K" & TransRow + 1).ClearContents 'Clear Other Two Fields
113 End If
114
115 'Add in Compound Entry items New/existing
116 If CompEntry = True Then
117     'Run Loop To Add or Update Items
118     For CompItemRow = SelRow + 2 To SelRow + CompItemRows + 1
119         If .Range("G" & CompItemRow).Value = "" And .Range("H" & CompItemRow).Value =
            Empty Then GoTo NextRow
120         'Determine Debit & Credit Accounts
121         If .Range("G" & SelRow).Value <> Empty Then
122             DebitAcct = .Range("E" & SelRow).Value 'Debit Account Name
123             CreditAcct = .Range("E" & CompItemRow).Value 'Compound Item Credit Account
            Name
124         Else:
125             CreditAcct = .Range("E" & SelRow + 1).Value 'Debit Account Name
126             DebitAcct = .Range("E" & CompItemRow).Value 'Compound Item Debit Account
            Name
127         End If
128
129         If .Range("L" & CompItemRow).Value <> Empty Then TransRow = .Range("L" &
            CompItemRow).Value Else: TransRow = Sheet3.Range("D999999" ).End(xlUp).Row + 1
130         'Use Existing Or Add new Row
131         Sheet3.Range("D" & TransRow).Value = TransNumb 'Transaction Number
132         Sheet3.Range("E" & TransRow).Value = .Range("D" & SelRow).Value 'Transaction
            Date
133         Sheet3.Range("F" & TransRow).Value = .Range("D" & SelRow + 1).Value
            'Transaction Type
134         Sheet3.Range("G" & TransRow).Value = .Range("F" & SelRow).Value 'Name/Vendor
135         Sheet3.Range("H" & TransRow).Value = DebitAcct 'Debit Account Name
136         Sheet3.Range("I" & TransRow).Value = CreditAcct 'Credit Account Name
137         Sheet3.Cells(TransRow, 10 + AddCol).Value = .Cells(CompItemRow, 7 + AddCol).Value
            'Add In Debit/ Credit Amount
138         Sheet3.Range("L" & TransRow).Value = "CI" 'Compound Item Notation
139         Sheet3.Range("M" & TransRow).Value = .Range("F" & CompItemRow).Value 'Add in
            Compound Item Memo
140         Sheet3.Range("N" & TransRow).Value = "=Row()" 'Add in Row formula
141         .Range("L" & CompItemRow).Value = TransRow 'Add In Transaction Row for Future
            updates.
142         NextRow:
143     Next CompItemRow
144 End If
145
146 .Range("C" & SelRow).Value = TransNumb
147 .Shapes("SaveBtn" ).Visible = msoFalse 'Hide save button
148 .Range("B5" ).Value = SelRow
149 Application.Wait Now + TimeValue("00:00:02" )
150 .Range("B5" ).ClearContents
151 End With 'End With Sheet 1
152
153 With Sheet3

```

1 2

```
154      1 2 'Resort list
155      LastTransRow = .Range("D99999" ).End(xlUp).Row
156      'Sort List Based on Date
157      .Sort.SortFields.Clear
158      .Sort.SortFields.Add Key:=.Range("E5" ), SortOn:=xlSortOnValues, Order:=xlAscending,
      DataOption:=xlSortNormal
159      With .Sort
160          .SetRange Range("D5:M" & LastTransRow)
161          .Apply
162      End With
163      ResetCalc
164      End With
165      End Sub
```

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Thank You!

This source code was created and made available to help you gain a better understanding of how VBA is used to create amazing Excel-based applications.

Thank you so much for your continued shares, likes and support. It really helps.



Excel For Freelancers