

VBA SOURCE CODE BOOK

PROFIT & LOSS STATEMENT



Excel For Freelancers

Learn How To Create A
Dynamic Profit & Loss
Statement From Scratch In
Excel Today



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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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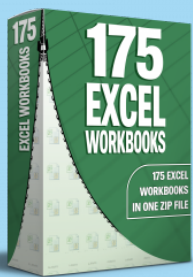
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1 `Option Explicit`

2

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

4 `If Not Intersect(Target, Range("E3,G3")) Is Nothing Then ProfitLoss_Refresh`

5 `End Sub`

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1 Option Explicit
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Option Explicit

```
Sub PrintReport()
```

```
Dim PrintRange As String
```

```
PrintRange = Sheet1.Range("B5:I" & Sheet1.Range("B99999").End(xlUp).Row).Address  
'Address of Entire Range
```

```
Sheet1.PageSetup.PrintArea = PrintRange
```

```
Sheet1.PrintOut 1, 1, 1, , , , , False
```

```
End Sub
```

```
Sub ProfitLoss_Refresh()
```

```
Dim PLRow As Long
```

```
Dim LastTransRow As Long
```

```
Dim AcctRow As Long
```

```
With Sheet1
```

```
.Range("B7:I9999").ClearContents 'Clear Existing Report
```

```
LastTransRow = Sheet2.Range("B99999").End(xlUp).Row 'Last Transaction Row
```

```
' Sheet2.Range("AA3:AB3").ClearContents 'Clear Prev Criteria
```

```
Sheet2.Range("AJ3:AN99999").ClearContents 'Clear Prev Results
```

```
' If .Range("E3").Value <> Empty Then Sheet2.Range("AA3").Value = ">=" &
```

```
.Range("E3").Value Else: Sheet2.Range("AA3").Value = ">=01/01/2000" 'From Date
```

```
' If .Range("G3").Value <> Empty Then Sheet2.Range("AB3").Value = "<=" &
```

```
.Range("G3").Value Else: Sheet2.Range("AB3").Value = "<=01/01/2030" 'To Date
```

```
Sheet2.Range("B2:F" & LastTransRow).AdvancedFilter xlFilterCopy, CriteriaRange:=Sheet2
```

```
.Range("AA2:AB3"), CopyToRange:=Sheet2.Range("AJ2:AN2"), unique:=True
```

```
If Sheet2.Range("AJ99999").End(xlUp).Row < 3 Then GoTo NoResults
```

```
PLRow = 7 'Set Intial Profit and Loss Row
```

```
'Add in Income Accounts
```

```
For AcctRow = 3 To 17
```

```
  If Sheet2.Range("M" & AcctRow).Value = "Income" And Sheet2.Range("N" & AcctRow).  
  Value <> 0 Then
```

```
    .Range("D" & PLRow).Value = Sheet2.Range("L" & AcctRow).Value 'Account Name
```

```
    .Range("H" & PLRow).Value = Sheet2.Range("N" & AcctRow).Value 'Account Value
```

```
    PLRow = PLRow + 1
```

```
  End If
```

```
Next AcctRow
```

```
.Range("C" & PLRow).Value = "Total Income"
```

```
.Range("H" & PLRow).Value = Sheet2.Range("TotIncome").Value
```

```
PLRow = PLRow + 2
```

```
'Add in COGS
```

```
.Range("C" & PLRow).Value = "COGS"
```

```
PLRow = PLRow + 1
```

```
'Add in COGS Accounts
```

```
For AcctRow = 3 To 17
```

```
  If Sheet2.Range("M" & AcctRow).Value = "COGS" And Sheet2.Range("N" & AcctRow).  
  Value <> 0 Then
```

```
    .Range("D" & PLRow).Value = Sheet2.Range("L" & AcctRow).Value 'Account Name
```

```
    .Range("H" & PLRow).Value = Sheet2.Range("N" & AcctRow).Value 'Account Value
```

```
    PLRow = PLRow + 1
```

```
  End If
```

```
Next AcctRow
```

```
.Range("C" & PLRow).Value = "Total COGS"
```

```
.Range("H" & PLRow).Value = Sheet2.Range("TotCOGS").Value 'Add In Total COGS Amount
```

```
PLRow = PLRow + 1
```

```
.Range("B" & PLRow).Value = "Total Gross Profit"
```

```
.Range("I" & PLRow).Value = Sheet2.Range("GrossProfit").Value
```

```
PLRow = PLRow + 1
```

```
56      1 2
57      'Add in Expenses
58      .Range("C" & PLRow).Value = "Expenses"
59      PLRow = PLRow + 1
60
61
62      'Add in Expenses
63      For AcctRow = 3 To 17
64          If Sheet2.Range("M" & AcctRow).Value = "Expense" And Sheet2.Range("N" & AcctRow).
65              Value <> 0 Then
66                  .Range("D" & PLRow).Value = Sheet2.Range("L" & AcctRow).Value 'Account Name
67                  .Range("H" & PLRow).Value = Sheet2.Range("N" & AcctRow).Value 'Account Value
68                  PLRow = PLRow + 1
69              End If
70          Next AcctRow
71          .Range("C" & PLRow).Value = "Total Expenses"
72          .Range("H" & PLRow).Value = Sheet2.Range("TotExpenses" ).Value
73          PLRow = PLRow + 1
74          .Range("B" & PLRow).Value = "Total Net Profit"
75          .Range("I" & PLRow).Value = Sheet2.Range("NetProfit" ).Value
76          NoResults:
77      End With
      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.



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