

VBA SOURCE CODE BOOK

ULTIMATE ADVANCED FILTERS

ULTIMATE ADVANCED FILTERS

Clear Filter

CUSTOMER PAYMENTS LIST

Last Name	First Name	Address	City	State	Zip Code	Invoice Date	Invoice Amt.	Last Payment On	Balance Due	# Pmnts
Enter Any Name:						From Date:	From Amt.:	From Date:	From Amt.:	From:
Enter Last:	Enter First:	Enter Address:	Enter City:	Enter ST:	Enter Zip:	To Date:	To Amt.:	To Date:	To Amt.:	To:
Fredson	John	12345 Main St	Los Angeles	CA	95418	6/28/19	\$147.00	8/12/19 6:00 AM	\$97.00	5
Davis	David	45414 Maple St.	San Diego	CA	91345	6/13/19	\$162.00	7/28/19 3:00 AM	\$112.00	3
Smith	Sally	48784 Oak St.	San Francisco	CA	94949	5/29/19	\$177.00	7/13/19 4:00 AM	\$127.00	1
Fredders	Frank	1248 Sandstone Ave.	Santa Monica	CA	91548	5/14/19	\$192.00	6/28/19 6:00 AM	\$142.00	2
Lane	Lisa	45787 Davidson St.	Granada Hills	CA	91548	4/29/19	\$207.00	6/13/19 8:24 AM	\$207.00	4
Johns	Jeff	12151 Wilshire Blvd.	West LA	CA	94158	4/14/19	\$222.00	5/29/19 6:00 AM	\$172.00	5
Lopez	Frank	4578 Canoga Ave.	Woodland Hills	CA	97815	3/30/19	\$237.00	5/14/19 10:48 AM	\$187.00	3
Danial	Patrick	12983 Park Street	Sacramento	CA	94156	3/15/19	\$252.00	4/29/19 6:00 AM	\$202.00	1
Sampson	Mary	4545 Oak Ridge Ave.	Ventura	CA	90451	2/28/19	\$267.00	4/14/19 1:12 PM	\$217.00	
Dean	Jimmy	12984 Park Street	Sacramento	CA	86746	2/13/19	\$282.00	3/30/19 6:00 AM	\$282.00	
Banders	Billy	4546 Oak Ridge Ave.	Ventura	CA	83041	1/29/19	\$297.00	3/15/19 3:36 PM	\$247.00	
Gerome	Sampson	12985 Park Street	Sacramento	CA	79336	1/14/19	\$312.00	2/28/19 10:00 AM	\$312.00	3
Davidson	Fred	12986 Park Street	Sacramento	CA	79337	12/30/18	\$327.00	2/13/19 6:00 PM	\$277.00	1
Fredding	James	12986 Park Street	Sacramento	CA	79337	12/15/18	\$342.00	1/29/19 3:00 AM	\$292.00	2
has	Timmy	12986 Park Street	Sacramento	CA	79337	11/30/18	\$357.00	1/14/19 6:00 AM	\$307.00	4



Excel For Freelancers

The Ultimate Excel Advanced Filters In VBA



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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.

With nearly 300,000 YouTube subscribers, 14,000,000 video views, 200+ comprehensive training videos, and a thriving 40,000 member Facebook community, Excel For Freelancers has positioned itself as the #1 Excel developers resource in the world.

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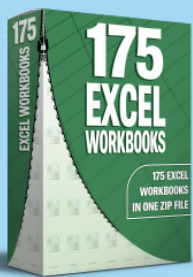
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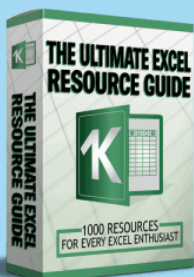
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Option Explicit

```
1 Private Sub Worksheet_Change(ByVal Target As Range)
2
3 If Target.CountLarge > 1 Then Exit Sub
4 If Not Intersect(Target, Range("D7:N8" )) Is Nothing Then 'On change of any search
5 criteria
6
7     If InStr(Target.Value, ":" ) = 0 Then 'Check to make sure text does not contain a
8     colon (added on clear filter)
9         'Search First & Last Name
10        If Not Intersect(Target, Range("D7" )) Is Nothing Then 'On change of First & Last
11        Name Filter
12            Sheet2.Range("M3,N4" ).Value = "*" & Target.Value & "*"
13        End If
14
15        'Run Text Filters
16        If Not Intersect(Target, Range("D8:I8" )) Is Nothing Then
17            Sheet2.Range(Target.Offset(-4, 0).Value).Value = "*" & Target.Value & "*"
18            Sheet2.Range(Target.Offset(-5, 0).Value).Value = "*" & Target.Value & "*"
19        End If
20
21        'Run Greater Than Number Filters
22        If Not Intersect(Target, Range("K7,M7,N7" )) Is Nothing Then
23            Sheet2.Range(Target.Offset(-4, 0).Value).Value = ">=" & Target.Value
24        End If
25
26        'Run Less Than Number Filters
27        If Not Intersect(Target, Range("K8,M8,N8" )) Is Nothing Then
28            Sheet2.Range(Target.Offset(-4, 0).Value).Value = "<=" & Target.Value
29        End If
30
31        RunFilter 'Run Filter Macro
32    End If
33 End If
34 End Sub
```

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Option Explicit

```
1
2
3
4 Sub ClearFilter()
5   Dim LastRow As Long
6   LastRow = Sheet2.Range("A9999" ).End(xlUp).Row 'Last Row Of Data
7   Sheet1.Range("D9:N" & LastRow + 6).Value = Sheet2.Range("A3:K" & LastRow).Value 'Bring
   Data Over
8   Sheet1.Range("D7:N8" ).Value = Sheet1.Range("W7:AH8" ).Value 'Copy Over Default text
9   Sheet2.Range("M3:R4,U3:V4,Y3:AB4" ).ClearContents 'Clear non-formula criteria
10 End Sub
11
12 Sub RunFilter()
13   Dim LastRow As Long, LastCritRow As Long, LastResultRow As Long
14   Sheet1.Range("D9:N999" ).ClearContents 'Clear existing results
15   With Sheet2
16     If Sheet1.Range("D7" ).Value <> "Enter Any Name:" Then LastCritRow = 4 Else
   LastCritRow = 3 'Determine Last Criteria Row
17     LastRow = .Range("A9999" ).End(xlUp).Row 'Last Row Of Data
18     .Range("A2:K" & LastRow).AdvancedFilter xlFilterCopy, CriteriaRange:=.Range("M2:AB" &
   LastCritRow), CopyToRange:=.Range("AD2:AN2" ), Unique:=False
19
20     LastResultRow = .Range("AD999" ).End(xlUp).Row 'Last Results Row
21     If LastResultRow < 3 Then GoTo NoResults
22     Sheet1.Range("D9:N" & LastResultRow + 6).Value = .Range("AD3:AN" & LastResultRow).
   Value 'Copy Over Results
23     NoResults:
24   End With
25 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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