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## Formatting Data to 2 Decimal Places in VBA

kmh6278 · Aug 4, 2009

K

**kmh6278**

Board Regular

Aug 4, 2009

#1

In my workbook, cells(9,3) = 39.66

The code below is returning facility\_1 = 40.00

I need the code to return 39.66

I also attempted to use FormatNumber(cells(9,3),2), which also yielded 40 as a result.

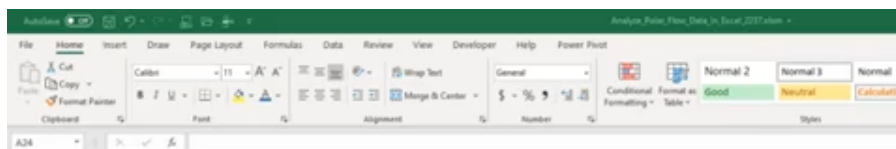
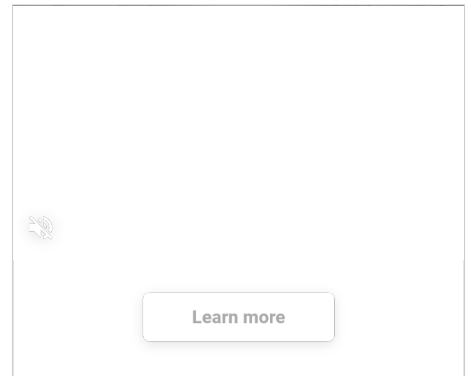
Any suggestions would be greatly appreciated!

```
Sub SetDataCells()
```

```
Dim facility_1 As Integer
```

```
facility_1 = Format(Cells(9, 3), "fixed")
```

```
End Sub
```





## Excel Facts



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E

**excel-proficient**

Board Regular

Aug 4, 2009

 #2

Try:

Code:

```
Sub rounding()  
ActiveCell.Select  
Selection.Value = Format(ActiveCell, "#.00")  
  
End Sub
```



RAM1972

 0



**Phox**

Well-known Member

Aug 4, 2009

 #3

You declared the variable facility\_1 as an integer. That means it can only be a whole number.  
Declare it as Double instead.



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T

**TheNooch**

Well-known Member

Aug 4, 2009

 #4

biggest problem is you have facility\_1 set to integer...can't have decimal points in an integer....

try this

Code:

```
Sub SetDataCells()  
  
Dim facility_1 As double  
facility_1 = Format(Cells(9, 3).Value, "0.00")  
MsgBox facility_1  
  
End Sub
```



0

K

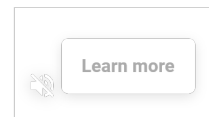
**kmh6278**

Board Regular

Aug 4, 2009

#5

Thanks! Changing the declaration to "double" was the only edit needed. Much appreciated.



0

K

**kylefoley76**

Well-known Member

Apr 14, 2017

#6

I'm having this problem too but I can't get it to work. When I debug and stop the code I press debug.print in the immediate window and I get .75 for the selectionvalue but that value will not transfer to k

Code:

```
Dim j As Integer, m As Double, k As Double  
  
Range("i266").Select  
m = 0  
  
Do Until activecell.Offset(1).Value = "stop"  
  
    activecell.Offset(1).Select  
    j = activecell.Value  
    If j = 1 Then  
        activecell.Offset(0, 4).Select  
        Selection.Value = Format(activecell, "0.00")  
        k = Selection.Value  
        m = m + k  
    End If  
Loop
```



```
activecell.Offset(0, -4).Select
End If
If j = 0 And m > 0 Then
    activecell.Offset(0, -1).Value = m
    m = 0
End If
```

Loop

♥ 0

K

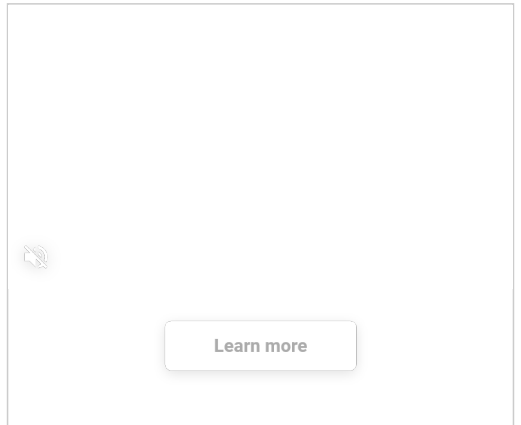
kylefoley76

Well-known Member

Apr 14, 2017

🔗 #7

problem solved. It turns out that I had a zero in the cell in question rather than .75.



♥ 0

P

PeterMole

New Member

May 30, 2018

🔗 #8

I came across this thread while trying to display a currency when the data was an integer (i.e. data 76 but want to show 76.00).

My main issue was using the **Double** data type, the **Currency** data type, try as I may I couldn't get the value to show with 2 decimals.

After looking at various data types I found that the *Format* function works perfectly with the **String** data type.

If there is *text* as the value and not a *number* then it just ignores the format and displays the text even though it has a data type of **String** so logically makes no sense to me, I thought it would error!!

After a little back and forth between posts I came up with the following;

Code:

```
Sub LittleTestOnDecimals()

    'Declare a few things

    Dim myValue as [B]String[/B] 'The value I want to convert
    Dim myMsg as String 'The value transposed into the format I want to see

    myValue = Worksheet("SomeReference").Range("A1").Value ' Get the value

    myMsg = Format(myValue, "#.00") ' Transforming the value into the format you want

    MsgBox (myMsg) 'Show me the results
```



Not to sure if this programatically correct but it worked for me after pulling my hair our trying to resolve and hope it helps someone save a little hair!!



**P** **peten**  
New Member

Jan 28, 2019

#9

PeterMole said: ↗

After looking at various data types I found that the *Format* function works perfectly with the **String** data type.






Not to sure if this programatically correct but it worked for me after pulling my hair our trying to

It did, thanks a lot! I had the same issue and was cautious of using anything but Value data type until saw your post...



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