

How can I retrieve a cell value from another sheet using VBA?

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Retrieving a cell value from another sheet using VBA is a process in which a specific cell value from one sheet is accessed and transferred to another sheet using Visual Basic for Applications (VBA) code. This allows for efficient data manipulation and analysis across multiple sheets within a workbook. By referencing the sheet name and cell coordinates, VBA can retrieve the desired value and perform further actions on it. This method is commonly used in automating tasks and creating dynamic spreadsheets.

VBA: Get Cell Value from Another Sheet

You can use the following methods in VBA to get the cell value in another sheet:

Method 1: Get Cell Value from Another Sheet

```
Sub GetCellAnotherSheet()  
ActiveCell.Value = Worksheets("Sheet2").Range("A2")  
End Sub
```

This particular macro will get the value of cell A2 in Sheet2 to and return it in the currently active cell.

Method 2: Get Result of Operation of Cell Values from Another Sheet

You can also perform some operation on cells in another sheet and return the result of the operation in the currently active cell.

For example, you can use the following syntax to sum the values in the range B2:B10 in Sheet2 and return the sum in the currently active cell:

```
Sub GetCellAnotherSheet()  
ActiveCell.Value =  
WorksheetFunction.Sum(Worksheets("Sheet2").Range(  
"B2:B10"))  
End Sub
```

The following examples show how to use each method in practice.

Example 1: Get Cell Value from Another Sheet

Suppose we have the following sheet called Sheet2 that contains information about various basketball players:

	A	B	C	D	E	F
1	Team	Points				
2	Mavs	22				
3	Heat	30				
4	Nets	43				
5	Rockets	28				
6	Spurs	12				
7	Hornets	15				
8	Blazers	19				
9	Warriors	15				
10	Kings	10				
11						
12						
13						
14						
15						
16						
17						

Sheet1 | Sheet2 | +

Suppose we currently have cell A2 in Sheet1 selected as our active cell.

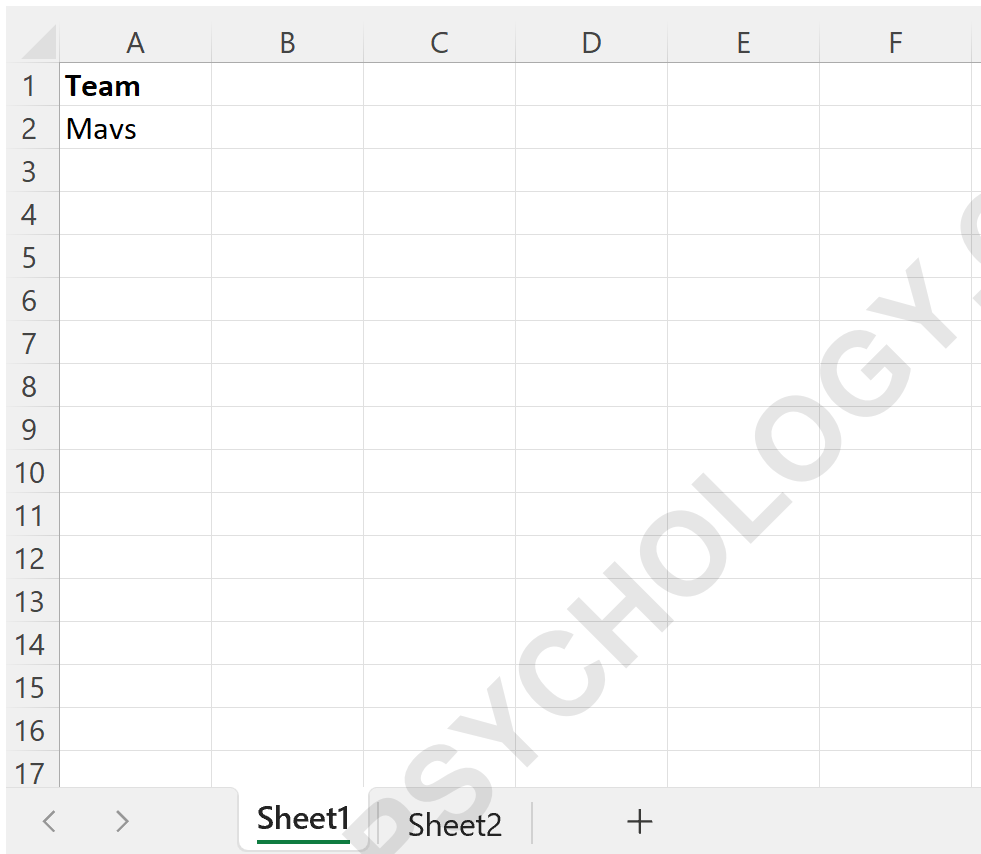
We can create the following macro to get the value in cell A2 of Sheet2 and return it in the currently active cell:

Sub GetCellAnotherSheet()

ActiveCell.Value = Worksheets("Sheet2").Range("A2")

End Sub

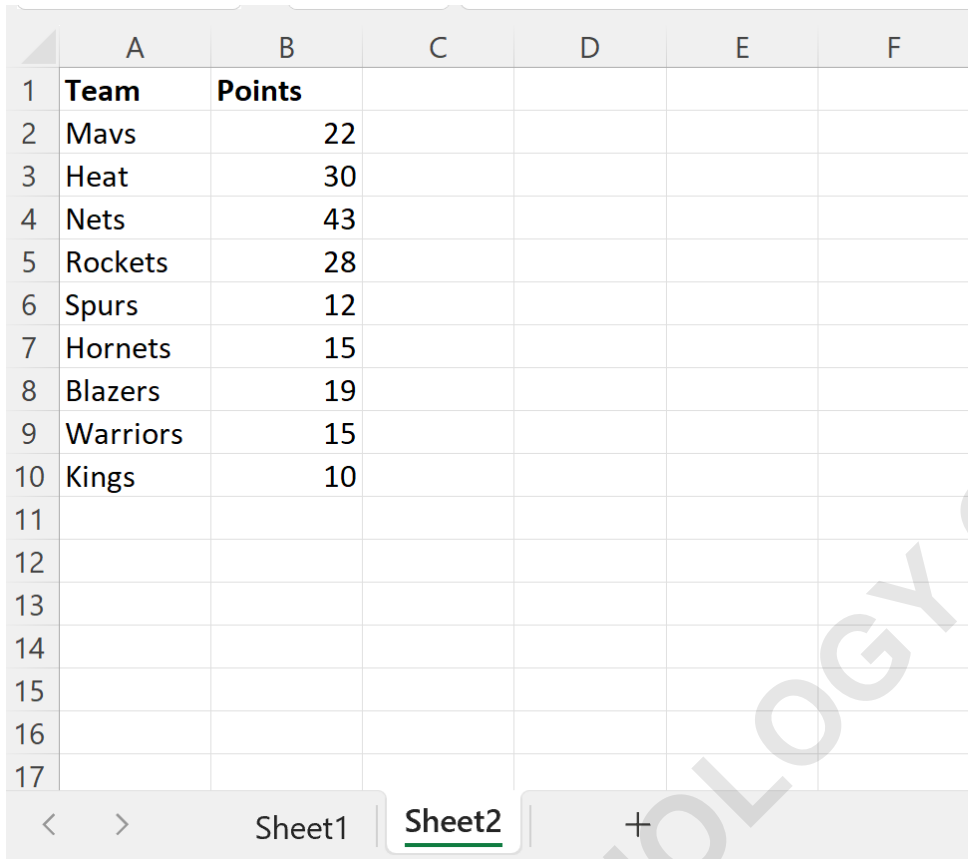
When we run this macro, we can see that the value in cell A2 of Sheet1 is now set to "Mavs", which matches the value from cell A2 of Sheet2:



	A	B	C	D	E	F
1	Team					
2	Mavs					
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						

Example 2: Get Result of Operation of Cell Values from Another Sheet

Once again suppose we have the following sheet called Sheet2 that contains information about various basketball players:



	A	B	C	D	E	F
1	Team	Points				
2	Mavs	22				
3	Heat	30				
4	Nets	43				
5	Rockets	28				
6	Spurs	12				
7	Hornets	15				
8	Blazers	19				
9	Warriors	15				
10	Kings	10				
11						
12						
13						
14						
15						
16						
17						

The screenshot shows an Excel interface with two sheets: Sheet1 and Sheet2. Sheet1 contains a table with columns 'Team' and 'Points'. Sheet2 is currently active and empty. A watermark 'ARABPSYCHOLOGY.COM' is visible across the image.

We can use the following macro to sum the values in the points column of Sheet2 and return the result in the currently active cell, which happens to be cell A2 in Sheet1:

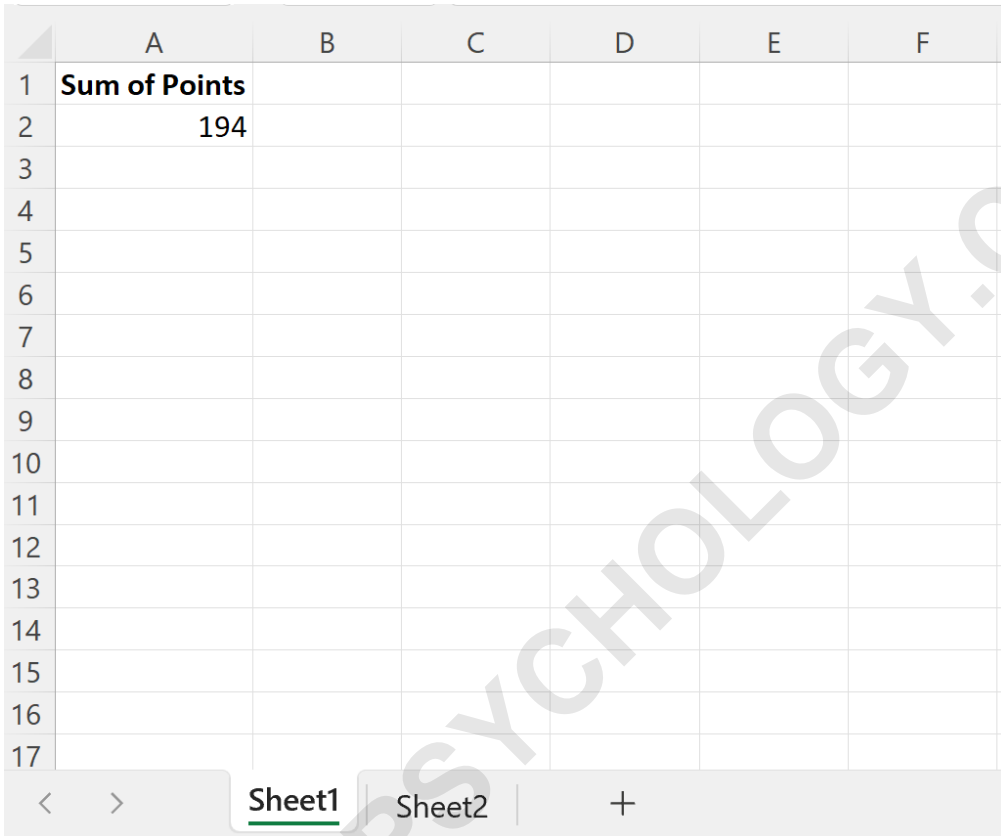
```
Sub GetCellAnotherSheet()
```

```
ActiveCell.Value =
```

```
WorksheetFunction.Sum(Worksheets("Sheet2").Range("A2"))
```

```
End Sub
```

When we run this macro, we can see that the sum of values in the range A2:A10 of Sheet2 is now shown in cell A2 of Sheet1:



The screenshot shows an Excel spreadsheet with two sheets: Sheet1 and Sheet2. Sheet1 is the active sheet, and its grid is visible from row 1 to 17 and column A to F. In cell A1, the text "Sum of Points" is displayed. In cell A2, the value "194" is displayed. The rest of the grid is empty. The sheet tabs at the bottom show "Sheet1" and "Sheet2", with "Sheet1" selected. A large watermark "ARABPSYCHOLOGY.COM" is overlaid diagonally across the spreadsheet.

	A	B	C	D	E	F
1	Sum of Points					
2	194					
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						