

How can I use the IF and VLOOKUP nested function in Excel?

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The IF and VLOOKUP nested function in Excel is a powerful tool that allows for conditional data retrieval. This function combines the logical test of the IF function with the search capabilities of the VLOOKUP function, making it possible to retrieve specific data based on certain conditions. By nesting the IF function within the VLOOKUP function, users can create complex formulas that can perform multiple tasks at once, such as finding and returning data from a table only if certain criteria are met. This feature is particularly useful for organizing and analyzing large sets of data in a more efficient and accurate manner. By utilizing the IF and VLOOKUP nested function, users can easily manipulate and extract relevant information from their data, providing valuable insights and aiding in decision-making processes.

Excel: Use IF and VLOOKUP Nested Function

You can use the following basic formula to use an IF and VLOOKUP nested function in Excel:

```
=IF(VLOOKUP(D2,$A$1:$B$11,2,FALSE)>100,"Yes","No")
```

This particular formula looks up the value in cell D2 in the range A1:A11 and finds the corresponding value in B1:B11.

If this value is greater than 100, "Yes" is returned.

Otherwise, "No" is returned.

The following example shows how to use this formula in practice.

Example: How to Use IF and VLOOKUP Nested Function

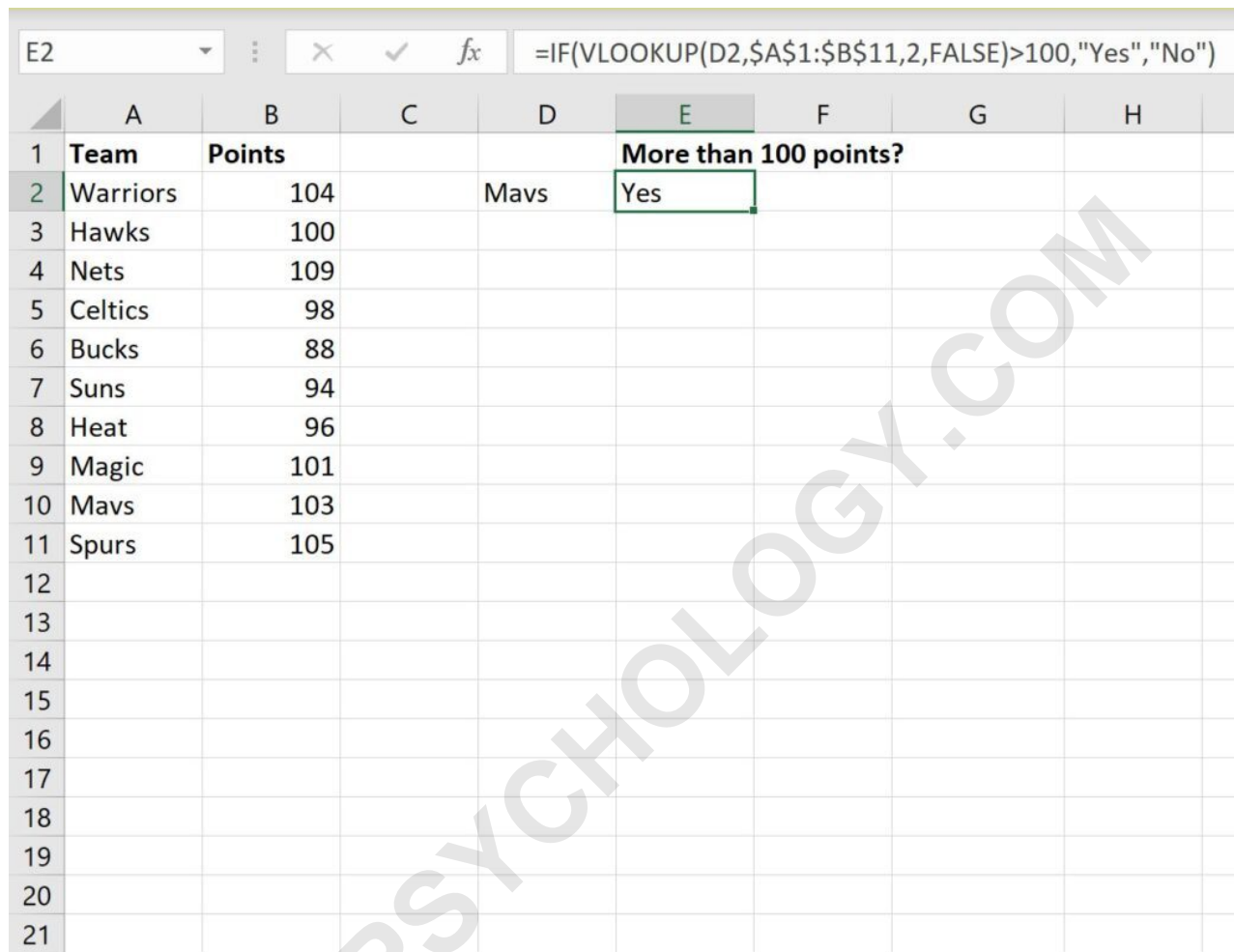
Suppose we have the following dataset in Excel that shows the points scored by various basketball teams:

	A	B	C	D	E	F
1	Team	Points				
2	Warriors	104				
3	Hawks	100				
4	Nets	109				
5	Celtics	98				
6	Bucks	88				
7	Suns	94				
8	Heat	96				
9	Magic	101				
10	Mavs	103				
11	Spurs	105				
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						

We can type the following formula into cell E2 to determine whether or not the Mavs scored more than 100 points:

```
=IF(VLOOKUP(D2,$A$1:$B$11,2,FALSE)>100,"Yes","No")
```

Once we press Enter, the results will be shown:



The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E	F	G	H
1	Team	Points			More than 100 points?			
2	Warriors	104		Mavs	Yes			
3	Hawks	100						
4	Nets	109						
5	Celtics	98						
6	Bucks	88						
7	Suns	94						
8	Heat	96						
9	Magic	101						
10	Mavs	103						
11	Spurs	105						
12								
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From the results we can see that the Mavs did score more than 100 points.

Note that if we change the team name in cell D2, the results will automatically update.

For example, suppose we change the team name to Suns:

