

# How can I create an IF statement in Excel that has four different outcomes?

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## RECOMMENDED CITATION

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An IF statement in Excel is a logical function that allows for conditional execution of formulas or actions based on specified criteria. To create an IF statement with four different outcomes, use the IF function along with the nested IF function. The IF function will check if a certain condition is met and return a specific value if true, while the nested IF function will allow for additional conditions to be checked. By nesting multiple IF functions within each other, you can create four different outcomes based on four different conditions. This allows for a more comprehensive and flexible decision-making process within your Excel spreadsheet.

## Excel: Create IF Statement with Four Outcomes

You can use the following basic syntax to create an IF statement with four outcomes in Excel:

```
=IF(B2>30,"Outcome1",IF(B2>25,"Outcome2",IF(B2>20,"Outcome3","Outcome4"))))
```

This particular function looks at cell B2 and returns the following value:

"Outcome1" if cell B2 is greater than 30  
Else,  
"Outcome2" if cell B2 is greater than 25  
Else,  
"Outcome3" if cell B2 is greater than 20  
Else,  
"Outcome4"

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

## Example: IF Statement with Four Outcomes in Excel

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

	A	B	C	D	E	F
1	<b>Player</b>	<b>Points</b>				
2	Andy	12				
3	Bert	18				
4	Chad	22				
5	Derrick	25				
6	Erny	39				
7	Frank	22				
8	George	30				
9	Harry	25				
10	Isaiah	18				
11	John	14				
12	Ken	25				
13	Liam	34				
14	Matt	28				
15						
16						
17						
18						
19						
20						
21						

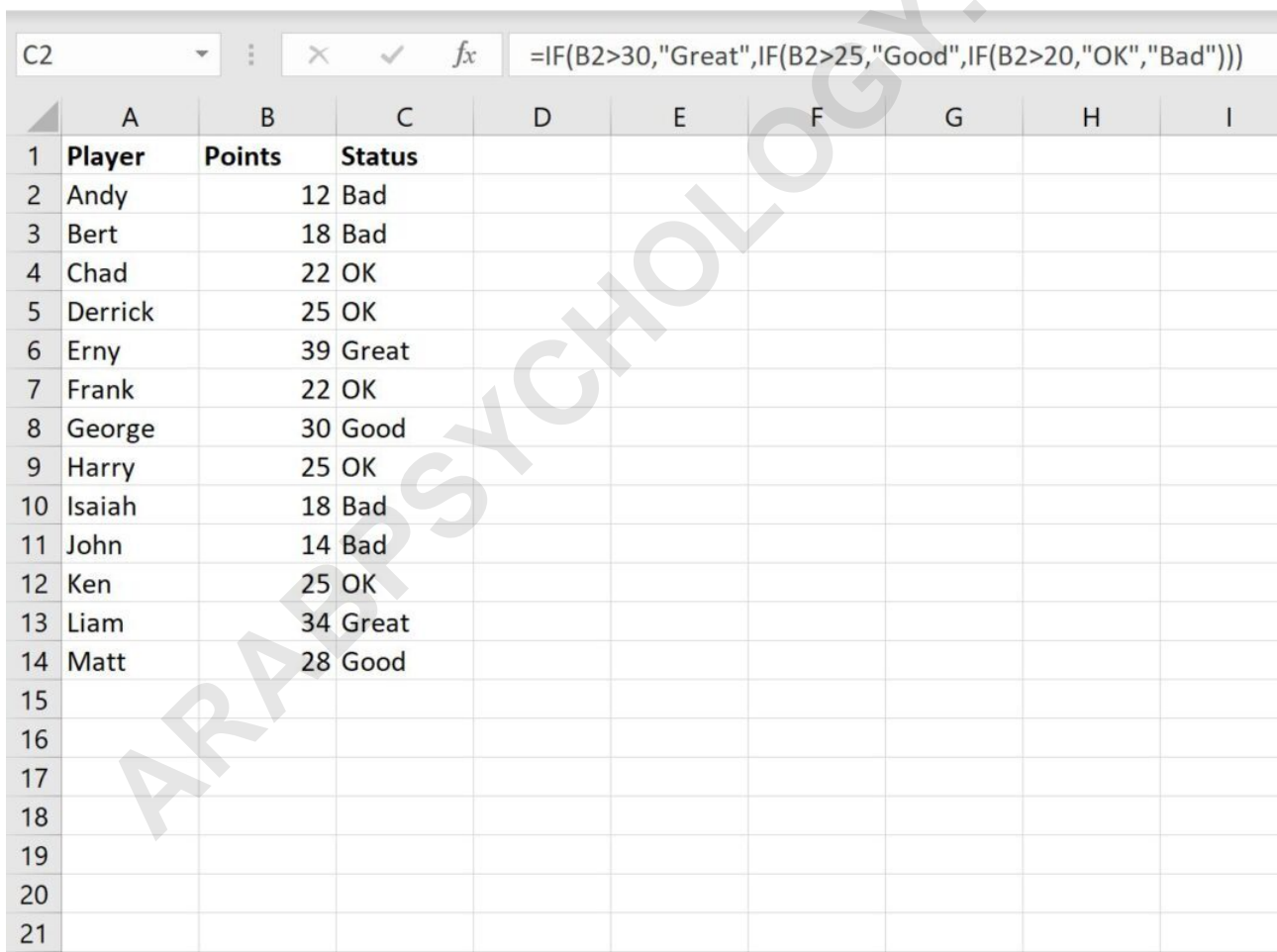
Suppose we would like to classify each player as **Great**, **Good**, **OK**, or **Bad** depending on their number of points scored.

We'll use the following IF() function to return one of these four different outcomes based on the value in the

points column for each player:

**=IF(B2>30,"Great",IF(B2>25,"Good",IF(B2>20,"OK","Bad"))))**

**We'll type this formula into cell C2 and then drag and fill it down to every remaining cell in column C:**



	A	B	C	D	E	F	G	H	I
1	<b>Player</b>	<b>Points</b>	<b>Status</b>						
2	Andy	12	Bad						
3	Bert	18	Bad						
4	Chad	22	OK						
5	Derrick	25	OK						
6	Erny	39	Great						
7	Frank	22	OK						
8	George	30	Good						
9	Harry	25	OK						
10	Isaiah	18	Bad						
11	John	14	Bad						
12	Ken	25	OK						
13	Liam	34	Great						
14	Matt	28	Good						
15									
16									
17									
18									
19									
20									
21									

**Notice that this formula returns the following values in column C:**

**"Great" if the value in the points column is greater than 30  
Else, "Good" if the value in the points column is greater than 25  
Else, "OK" if the value in the points column is greater than 20  
Else, "Bad"**

**Feel free to modify the criteria in the IF statement to produces the four outcomes you'd like.**

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