

How can I remove the last character from a string in VBA?

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June 24, 2024

RECOMMENDED CITATION

stats writer (2024). *How can I remove the last character from a string in VBA?*.

PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=150916>

To remove the last character from a string in VBA, you can use the built-in function "Left" which returns a specified number of characters from the beginning of a string. By specifying the length of the string minus one, you can effectively remove the last character. This can be useful in cases where you need to manipulate or extract data from strings in VBA programming. Additionally, you can also use the "Len" function to determine the length of the string and then use the "Mid" function to extract all characters except the last one. Overall, there are multiple approaches to remove the last character from a string in VBA, providing flexibility and convenience for developers.

VBA: Remove Last Character from String

You can use the following basic syntax to remove the last character from a string using VBA:

```
Sub RemoveLastChar()
```

```
Dim i As Integer
```

```
Dim myString As String
```

```
For i = 2 To 11
```

```
myString = Range("A" & i)
```

```
Range("B" & i) = Left(myString, Len(myString) - 1)
```

```
Next i
```

```
End Sub
```

This particular example removes the last character from each string in the range A2:A11 and outputs the results

in the range B2:B11.

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

Example: Using VBA to Remove Last Character from Strings

Suppose we have the following list of basketball team names in Excel:

	A	B	C	D	E	F
1	Team					
2	Mavericks					
3	Pacers					
4	Bucks					
5	Wizards					
6	Celtics					
7	Kings					
8	Nets					
9	Spurs					
10	Rockets					
11	Heat					
12						
13						
14						
15						
16						
17						
18						
19						

Suppose we would like to remove the last character from each team name.

We can create the following macro to do so:

Sub RemoveLastChar()

Dim i As Integer

Dim myString As String

For i = 2 To 11

myString = Range("A" & i)

Range("B" & i) = Left(myString, Len(myString) - 1)

Next i

End Sub

When we run this macro, we receive the following output:

	A	B	C	D	E	F
1	Team					
2	Mavericks	Maverick				
3	Pacers	Pacer				
4	Bucks	Buck				
5	Wizards	Wizard				
6	Celtics	Celtic				
7	Kings	King				
8	Nets	Net				
9	Spurs	Spur				
10	Rockets	Rocket				
11	Heat	Hea				
12						
13						
14						
15						
16						
17						
18						
19						

Column B displays each of the strings in column A with the last character removed.

If you would instead like to remove the last n characters from a string, simply change the 1 in the Left method to a different number.

For example, we can create the following macro to remove the last 2 characters from a string:

Sub RemoveLastTwoChar()

```
Dim i As Integer
```

```
Dim myString As String
```

```
For i = 2 To 11
```

```
myString = Range("A" & i)
```

```
Range("B" & i) = Left(myString, Len(myString) - 2)
```

```
Next i
```

```
End Sub
```

When we run this macro, we receive the following output:

	A	B	C	D	E	F
1	Team					
2	Mavericks	Maveric				
3	Pacers	Pace				
4	Bucks	Buc				
5	Wizards	Wizar				
6	Celtics	Celti				
7	Kings	Kin				
8	Nets	Ne				
9	Spurs	Spu				
10	Rockets	Rocke				
11	Heat	He				
12						
13						
14						
15						
16						
17						
18						
19						
20						

Column B displays each of the strings in column A with the last two characters removed.

Note: You can find the complete documentation for the VBA Left method .

The following tutorials explain how to perform other common tasks using VBA: