

How can I remove leading and trailing spaces in VBA?

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Removing leading and trailing spaces in VBA can be achieved by using the Trim function. This function eliminates any extra spaces at the beginning or end of a string, leaving only the necessary characters. It is useful for cleaning up data and ensuring accuracy in VBA code. To use the Trim function, simply pass the string to be trimmed as the argument. This will result in a clean and trimmed string without any leading or trailing spaces. By incorporating this function into your VBA code, you can efficiently manipulate data and improve the overall functionality of your program.

VBA: Remove Leading and Trailing Spaces

You can use the following basic syntax to remove leading and trailing spaces from strings using VBA:

```
Sub RemoveLeadingTrailingSpaces()
```

```
Dim i As Integer
```

```
For i = 2 To 7
```

```
Range("B" & i) = Trim(Range("A" & i))
```

```
Next i
```

```
End Sub
```

This particular example removes the leading and trailing spaces from each string in the range A2:A7 and outputs the results in the range B2:B7.

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

Example: Using VBA to Remove Leading and Trailing Spaces from Strings

Suppose we have the following list of strings in Excel:

	A	B	C	D	E
1	String				
2	Hey there everyone				
3	Hey there people				
4	What is going on				
5	How are you				
6	Greetings friends				
7	Good afternoon				
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					

Notice that several of the strings have either leading or trailing spaces.

Suppose we would like to remove both the leading and trailing spaces from each string.

We can create the following macro to do so:

Sub RemoveLeadingTrailingSpaces()

Dim i As Integer

For i = 2 To 7

Range("B" & i) = Trim(Range("A" & i))

Next i

End Sub

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

	A	B	C	D	E
1	String				
2	Hey there everyone	Hey there everyone			
3	Hey there people	Hey there people			
4	What is going on	What is going on			
5	How are you	How are you			
6	Greetings friends	Greetings friends			
7	Good afternoon	Good afternoon			
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					

Column B displays each of the strings in column A with

the leading and trailing spaces removed.

Note that if you'd like to only remove the leading or trailing spaces from strings, you can use the LTrim or RTrim functions, respectively.

Note: You can find the complete documentation for each of the VBA Trim functions .

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