How do I remove spaces from a string in VBA?

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Removing spaces from a string in VBA refers to the process of eliminating any blank spaces within a string of characters. This can be achieved by using various built-in functions or through custom code. It is a common task in VBA programming, often used for data cleaning and formatting purposes. By removing spaces, the string becomes more concise and easier to manipulate for further processing. This can be useful in a variety of applications, such as creating dynamic reports or performing text analysis.

VBA: Remove Spaces from String

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

```
Sub RemoveSpaces()

Dim i As Integer

For i = 2 To 8
Range("B" & i) = Replace(Range("A" & i), " ", "")
Next i

End Sub
```

This particular example removes the spaces from each string in the range A2:A8 and outputs the results in the range B2:B8.

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

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Example: Using VBA to Remove Spaces from Strings

Suppose we have the following list of strings in Excel:

	A	B	C	D	E
1	**Strings**				
2	Hey how are you				
3	What is going on				
4	What's up				
5	This is a great day				
6	Things are going well				
7	This is awesome				
8	Hello everyone				
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					

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Suppose we would like to remove the spaces from each string.

We can create the following macro to do so:

Sub RemoveSpaces()

Dim i As Integer

```
For i = 2 To 8
Range("B" & i) = Replace(Range("A" & i), " ", "")
Next i

End Sub
```

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

	A	B	C	D	E	F
1	**Strings**					
2	Hey how are you	Heyhowareyou				
3	What is going on	Whatisgoingon				
4	What's up	What'sup				
5	This is a great day	Thisisagreatday				
6	Things are going well	Thingsaregoingwell				
7	This is awesome	Thisisawesome				
8	Hello everyone	Helloeveryone				
9						
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11						
12						
13						
14						
15						
16						
17						
18						
19						

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

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

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

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