



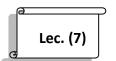


Computer Application

Third Stage

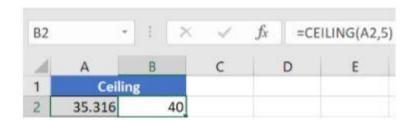
Lec5

Microsoft Excel



Excel Formulas and Functions 7- CEILING:

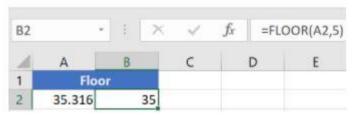
Next, we have the ceiling function. The CEILING() function rounds a number up to its nearest multiple of significance.



The nearest highest multiple of 5 for 35.316 is 40.

8- FLOOR:

Contrary to the Ceiling function, the floor function rounds a number down to the nearest multiple of significance.



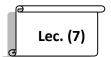
The nearest lowest multiple of 5 for 35.316 is 35.

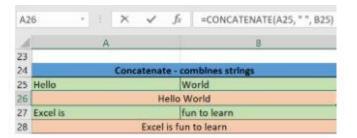
9- CONCATENATE:

This function merges or joins several text strings into one text string. Given below are the different ways to perform this function.

In this example, we have operated with the syntax:

CONCATENATE = CONCATENATE(A25, " ", B25)



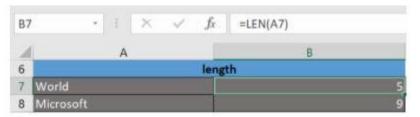


In this example, we have operated with the syntax:

Those were the two ways to implement the concatenation operation in Excel.

10- LEN:

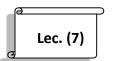
The function LEN() returns the total number of characters in a string. So, it will count the overall characters, including spaces and special characters. Given below is an example of the Len function.



11- REPLACE:

As the name suggests, the REPLACE() function works on replacing the part of a text string with a different text string.

The syntax is "=REPLACE(old_text, start_num, num_chars, new_text)". Here, start_num refers to the index position you want to start replacing the characters with. Next, num_chars indicate the number of characters you want to replace.

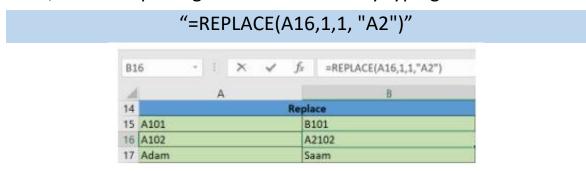


Let's have a look at the ways we can use this function.

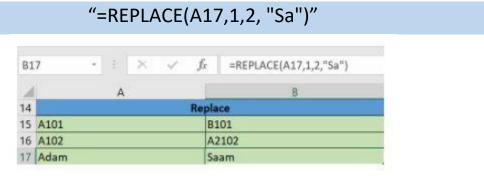
Here, we are replacing A101 with B101 by typing



Next, we are replacing A102 with A2102 by typing:



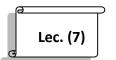
Finally, we are replacing Adam with Saam by typing:



12- SUBSTITUTE:

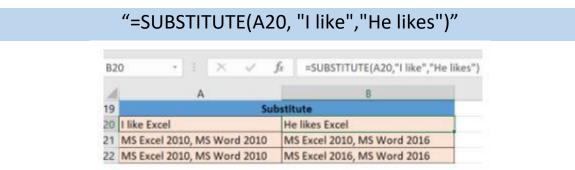
The SUBSTITUTE() function replaces the existing text with a new text in a text string.

The syntax is "=SUBSTITUTE(text, old_text, new_text, [instance_num])". Here, [instance_num] refers to the index position of the present texts more than once.

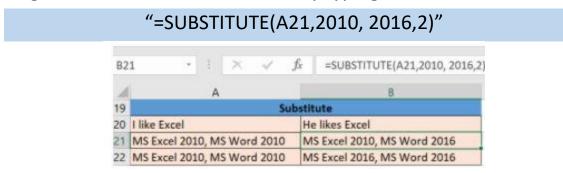


Given below are a few examples of this function:

Here, we are substituting "I like" with "He likes" by typing:



 Next, we are substituting the second 2010 that occurs in the original text in cell A21 with 2016 by typing:



 Now, we are replacing both the 2010s in the original text with 2016 by typing:

