Class Exercise:

String exercises

1. Write a Python program to swap commas and dots in a string.

Input:

32.054,23

Sample Output:

32,054.23

2. Write a Python program to lowercase the first n characters in a string.

Input:

SELACOLLAGE

Sample Output:

selaCOLLAGE

3. Write a Python program to convert a given string into a list of words.

Input:

"The quick brown fox jumps over the lazy dog."

Sample Output:

['The', 'quick', 'brown', 'fox', 'jumps', 'over', 'the', 'lazy', 'dog.']

4. Write a Python program to count occurrences of a substring in a string.

Input:

'The quick brown fox jumps over the lazy dog.'

Word we want to count => “fox”

Sample Output:

1

5. Write a Python program to display a number in left, right, and center aligned with a width of 10.

Input:

22

Sample Output:

Original Number: 22

Left aligned (width 10) :22

Right aligned (width 10) : 22

Center aligned (width 10) : 22

6. Write a Python program to format a number with a percentage.

Input: 0.25

Sample Output: ’’25.00%’’

7. Write a Python program to display a number with a comma separator.

Input: 30000000

Sample Output: 30.000.000

8. Write a Python program to print the following integers with '\*' to the right of the specified width.

Input: 123 , 3

Sample Output: 123\*\*\*

9. Write a Python program to print the following integers with zeros to the left of the specified width.

Input: 123 , 3

Sample Output:

Original Number: 3

Formatted Number(left padding, width 2): 03

Original Number: 123

Formatted Number(left padding, width 6): 000123

10. Write a Python program to print the following positive and negative numbers with no decimal places.

Input: -12.9999

Sample Output: 3