Python Programming Exercise 2

Strings

1. Write a Python program to get a string made of the first 2 and the last 2 chars from a given a string. If the string length is less than 2, return instead of the empty string.

Sample String : 'w3resource'  
Expected Result : 'w3ce'  
Sample String : 'w3'  
Expected Result : 'w3w3'  
Sample String : ' w'  
Expected Result : Empty String

1. Write a Python program to get a string from a given string where all occurrences of its first char have been changed to '$', except the first char itself.

Sample String : 'restart'  
 Expected Result : 'resta$t'

1. Write a Python program to get a single string from two given strings, separated by a space and swap the first two characters of each string.

Sample String : 'abc', 'xyz'   
 Expected Result : 'xyc abz'

1. Write a Python script that takes input from the user and displays that input back in upper and lower cases.
2. Write a Python function to create the HTML string with tags around the word(s).  
   Sample function and result :   
   add\_tags('i', 'Python') -> '<i>Python</i>'  
   add\_tags('b', 'Python Tutorial') -> '<b>Python Tutorial </b>'
3. Write a Python function to get a string made of 4 copies of the last two characters of a specified string (length must be at least 2).   
   Sample function and result :   
   insert\_end('Python') -> onononon  
   insert\_end('Exercises') -> eseseses
4. Write a Python function to reverse a string if it's length is a multiple of 4.
5. Write a Python program to display formatted text (width=50) as output.
6. Write a Python program to check if a string contains all letters of the alphabet.
7. Write a Python program to lowercase first n characters in a string.