**String problems -practice**

**Ref:** **https://www.w3resource.com/python-exercises/string/**

1. Write a Python module to create the HTML string with tags around the word(s).  Accept two strings- tag and word & then form the HTML tag as shown : eg: if tag='i', word='Python' -> '<i>Python</i>' . eg: if tag =’b’ , word= 'Python’ -> '<b>Python Tutorial </b>'
2. Write a Python program to get a string made of 4 copies of the last two characters of a specified string . eg 'Python' -> onononon , 'program’ -> amamamam. if string length is less than two print original string
3. Write a Python script that reverses a string if it's length is a multiple of 4.
4. Write a Python function to convert a given string to all uppercase if it contains at least 2 uppercase characters in the first 4 characters.
5. Write a Python program to sort a string lexicographically.
6. Write a Python program to check whether a string starts with ‘gr’ or ends with ‘fe’ . If so print ‘good’ else ‘bad’. for eg: grey, griraffe , cafe should result in good and yellow, red should result in bad.
7. Write a Python program to count occurrences of a substring in a string.
8. Write a Python program to reverse words in a string. eg : ‘Good Morning’ should result in ‘dooG gninroM’
9. Write a Python program to count repeated characters in a string.  Sample string: 'thequickbrownfoxjumpsoverthelazydog' . Expected output :  
   o 4  
   e 3  
   u 2  
   h 2  
   r 2  
   t 2+
10. Write a Python program to lowercase first n characters in a string.
11. Write a Python program to split a string on the last occurrence of the delimiter.
12. Write a Python program to find the first non-repeating character in given string.eg: 'abcdef'->’a’, 'abcabcdef'->’d’, ‘aabbcc'-> ‘No character’
13. Write a Python program to find the first repeated character in a given string.
14. Write a Python program to find the first repeated word in a given string.
15. Write a Python program to find the second most repeated word in a given string.
16. Write a Python program to find the maximum occurring character in a given string
17. Write a Python program to remove duplicate characters of a given string.
18. Write a Python program to remove leading zeros from an IP address
19. Write a Python program to compute sum of digits of a given string.eg "123abcd45"->15