



Class: XI Comp. Sci.	Department: Computer Science	Date of submission:25/09/23
Worksheet No: 4	Topic: String Manipulation	Note:

1.	<p>Consider the following string mySubject: mySubject = "Computer Science" What will be the output of the following string operations :</p> <ul style="list-style-type: none">i. print(mySubject[0:len(mySubject)])ii. print(mySubject[-7:-1])iii. print(mySubject[:2])iv. print(mySubject[len(mySubject)-1])v. print(2*mySubject)vi. print(mySubject[::-2])vii. print(mySubject[:3] + mySubject[3:])viii. print(mySubject.startswith('Comp'))ix. print(mySubject.isalnum())
2.	<p>Consider the following string myAddress: myAddress = "WZ-1,New Ganga Nagar,New Delhi" What will be the output of following string operations :</p> <ul style="list-style-type: none">i. print(myAddress.lower())ii. print(myAddress.upper())iii. print(myAddress.count('New'))iv. print(myAddress.find('New'))v. print(myAddress.split(','))vi. print(myAddress.split(' '))vii. print(myAddress.replace('New','Old'))viii. print(myAddress.partition(','))ix. print(myAddress.split('e'))x. print(myAddress.index('Agra'))
3.	<p>What will be the output of following code-</p> <pre>s='Hi!' s1='Hello' s2=s[:2]+s1[len(s1)-2:]</pre>

	<code>print(s2)</code>
4.	<p>What will be the output of given program:</p> <pre>s='Hello' for i in s: print(i,end='#')</pre>
5.	<p>What will be the output of following program:</p> <pre>str1 = "PYTHON PROGRAMMING" print(str1[1:4], str1[:5], str1[4:], str1[0:-1], str1[:-1])</pre>
6.	<p>. What will be the output of following program:</p> <pre>str ='Hello Python' print (str) print (str[0]) print (str[2:8]) print (str[3:]) print (str * 3) print (str + "String")</pre>
7.	Write a Program to Count the Number of Vowels in a String.
8.	Write a Program to Take in a String and Replace Every Blank Space with Hyphen.
9.	Write a Program to Calculate the Number of Words and the Number of Characters Present in a String
10.	Write a Program to Check if a String is a Palindrome or Not