



<b>Class: XI Comp. Sci.</b>	<b>Department: Computer Science</b>	<b>Date of submission:</b>
<b>Worksheet No: 9</b>	<b>Topic: String Manipulation</b>	<b>Note:</b>

1.	<p>Consider the following string mySubject: mySubject = "Computer Science" What will be the output of the following string operations :</p> <ol style="list-style-type: none"><li>print(mySubject[0:len(mySubject)])</li><li>print(mySubject[-7:-1])</li><li>print(mySubject[:2])</li><li>print(mySubject[len(mySubject)-1])</li><li>print(2*mySubject)</li><li>print(mySubject[::-2])</li><li>print(mySubject[3] + mySubject[3:])</li><li>print(mySubject.startswith('Comp'))</li><li>print(mySubject.isalnum())</li></ol>
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> <ol style="list-style-type: none"><li>print(myAddress.lower())</li><li>print(myAddress.upper())</li><li>print(myAddress.count('New'))</li><li>print(myAddress.find('New'))</li><li>print(myAddress.split(','))</li><li>print(myAddress.split(' '))</li><li>print(myAddress.replace('New','Old'))</li><li>print(myAddress.partition(','))</li><li>print(myAddress.split('e'))</li><li>print(myAddress.index('Agra'))</li></ol>
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