

## WORKSHEET – STRING HANDLING

1	<p>What will be the output of following code-</p> <pre><b>str="hello"</b> <b>str[:2]</b></pre> <p><b>Ans:</b></p>
2	<p>What will be the output of following code-</p> <pre><b>str='Hello'</b> <b>res=""</b> <b>for i in range(len(str)):</b>     <b>res=res+str[i]</b> <b>print(res)</b></pre> <p><b>Ans:</b></p>
3	<p>What will be the output of following code-</p> <pre><b>s='Hi!'</b> <b>s1='Hello'</b> <b>s2=s[:2]+s1[len(s1)-2:]</b> <b>print(s2)</b></pre> <p><b>Ans:</b></p>
4	<p>What will be the output of following code-</p> <pre><b>'ba'+ 'na'*2</b></pre> <p><b>Ans:</b></p>
5	<p>What will be the output of following code-</p> <pre><b>s='Welcome to python4csip.com'</b> <b>print(s.find('come'))</b></pre>

	<p><b>s.count('o')</b></p> <p><b>Ans:</b></p>
6	<p><b>What will be the output of following program:</b></p> <pre><b>s='Hello' for i in s:     print(i,end='#')</b></pre> <p><b>Ans:</b></p>
7	<p><b>What will be the output of following program:</b></p> <pre><b>for i in 'hardik':     print(i.upper())</b></pre> <p><b>Ans:</b></p>
8	<p><b>What will be the output of following program:</b></p> <pre><b>s='Hello' for i in s:     print('Welcome')</b></pre> <p><b>Ans:</b></p>
9	<p><b>What will be the output of following program:</b></p> <pre><b>str='virat' for i in str:</b></pre>

	<p><b>print(str.upper())</b></p> <p><b>Ans:</b></p>
10	<p><b>What will be the output of following program:</b></p> <pre> a='hello' b='virat' for i in range(len(a)):     print(a[i],b[i]) </pre> <p><b>Ans:</b></p>
11	<p><b>What will be the output of following program:</b></p> <pre> a='hello' b='virat' for i in range(len(a)):     print(a[i].upper(),b[i]) </pre> <p><b>Ans:</b></p>
12	<p><b>What will be the output of following program:</b></p> <pre> print("xyyzyxzyxzyy".count('xyy', 2, 11)) </pre>

	<b>Ans:</b>
13	<b>What will be the output of following program:</b> <b>print("hello"+1+2+3)</b>  <b>Ans:</b>
14	<b>What will be the output of following program:</b> <b>str1 = "PYTHONORG1.COM"</b> <b>print(str1[1:4], str1[:5], str1[4:], str1[0:-1], str1[:-1])</b>  <b>Ans:</b>
15	<b>What will be the output of following program:</b> <b>str = "my name is kunfu pandya";</b> <b>print (str.capitalize())</b>  <b>Ans:</b>
16	<b>What will be the output of following program:</b> <b>str1 = 'Hello'</b> <b>str2 ='World!'</b> <b>print('str1 + str2 = ', str1 + str2)</b> <b>print('str1 * 3 =', str1 * 3)</b>  <b>Ans:</b>
17	<b>What will be the output of following program:</b> <b>count = 0</b> <b>for letter in 'Hello World':</b> <b>    if(letter == 'l'):</b> <b>        count += 1</b> <b>print(count,'letters found')</b>  <b>Ans:</b>

18	<p><b>What will be the output of following program:</b></p> <pre> s="python4csip" n = len(s) m="" for i in range(0, n):     if (s[i] &gt;= 'a' and s[i] &lt;= 'm'):         m = m + s[i].upper()     elif (s[i] &gt;= 'n' and s[i] &lt;= 'z'):         m = m + s[i-1]     elif (s[i].isupper()):         m = m + s[i].lower()     else:         m = m + '#' print(m) </pre> <p><b>Ans:</b></p>
19	<p><b>What will be the output of following program:</b></p> <pre> a = "Mahender Singh Dhoni" a = a.split() b = a[0][0]+". "+a[1][0]+". "+a[2] print (b) </pre> <p><b>Ans:</b></p>
20	<p><b>What will be the output of following program:</b></p> <pre> s='Mahender, Singh, Dhoni' s1=s.split() for i in s1:     print(i) </pre> <p><b>Ans:</b></p>
21	<p><b>What will be the output of following program:</b></p> <pre> "Welcome to Python4csip.com".split() </pre> <p><b>Ans:</b></p>

	['Welcome', 'to', 'Python4csip.com']
22	<p><b>What will be the output of following program:</b></p> <pre> str ='Hello Python' print (str) print (str[0]) print (str[2:8]) print (str[3:]) print (str * 3) print (str + "String") </pre> <p><b>Ans:</b></p>
23	<p><b>What will be the output of the program?</b></p> <pre> line = "PYTHON IS EASY TO LEARN" L = line.split('a') for i in L:     print(i, end=' ') </pre> <p><b>Ans:</b></p>
24	<p><b>What will be the output of following program:</b></p> <pre> s='mahender, singh, dhoni' s1=s.split() for i in s1:     if(i&gt;'n'):         print(i.upper())     else:         print(i) </pre> <p><b>Ans:</b></p>

25	<p><b>What will be the output of following program:</b></p> <pre> my_string = 'PYTHON4CSIP' for i in range(len(my_string)):     print (my_string)     my_string = '#' </pre> <p><b>Ans:</b></p>
26	<p><b>What will be the output of following program:</b></p> <pre> str="Pythoncsip.com" for i in range(len(str)):     if(str[i].isalpha()):         print(str[i-1],end="")     if(str[i].isdigit()):         print(str[i],end="") </pre> <p><b>Ans:</b></p>
27	<p><b>What will be the output of following program:</b></p> <pre> str="AB145CVD124N" for i in range(len(str)):     if(str[i].isalpha()):         print(str[i-1],end="")     if(str[i].isdigit()):         print('#',end="") </pre> <p><b>Ans:</b></p>

28	<p><b>What will be the output of following program:</b></p> <pre>str="PYTHON4CSIP" for i in range(len(str)):     if(str[i].isdigit()):         print(str[i],end='')     if(str[i]=='N'or str[i]=='Y'):         print('#',end='')</pre> <p><b>Ans:</b></p>
29	<p><b>Write a Program to Count the Number of Vowels in a String.</b></p> <p><b>Ans:</b></p>
30	<p><b>Write a Program to Take in a String and Replace Every Blank Space with Hyphen.</b></p> <p><b>Ans:</b></p>
31	<p><b>Write a Program to Calculate the Length of a String Without Using a Library Function</b></p> <p><b>Ans:</b></p>



32	<p><b>Write a Program to Calculate the Number of Words and the Number of Characters Present in a String</b></p> <p><b>Ans:</b></p>
33	<p><b>Write a Program to Take in Two Strings and Display the Larger String without Using Built-in Functions</b></p> <p><b>Ans:</b></p>

34	<p><b>Write a Program to Count Number of Lowercase Characters in a String</b></p> <p>Ans:</p>
35	<p><b>Write a Program to Check if a String is a Palindrome or Not</b></p> <p>Ans:</p>
36	<p><b>Write a Program to Calculate the Number of Upper Case Letters and Lower Case Letters in a String</b></p> <p>Ans:</p>

37	<p><b>Write a Program to Calculate the Number of Digits and Letters in a String.</b></p> <p><b>Ans:</b></p>
38	<p><b>Write a Program to Form a New String Made of the First 2 and Last 2 characters From a Given String</b></p> <p><b>Ans:</b></p>

39	<b>Write a Program to Count the Occurrences of Each Word in a Given String Sentence</b>  <b>Ans:</b>
40	<b>Write a Program to Check if a Substring is Present in a Given String</b>  <b>Ans:</b>

41	<b>Write a Python Program to check First Occurrence of a Character in a String</b> <b>Ans:</b>
42	<b>Write a Python Program to find ASCII Value of a Character</b> <b>Ans:</b>
43	<b>Write a Python Program to Remove Last Occurrence of a Character in a String</b> <b>Ans:</b>