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| **iS. No** | **Question** | **Input and Output** |
|  | Write a program in C# Sharp to find the length of a string without using library | Test Data : Input the string : w3resource.com *Expected Output* :  Length of the string is : 15 |
|  | Write a program in C# Sharp to separate the individual characters from a string. | Test Data : Input the string : w3resource.com *Expected Output* :  The characters of the string are :  w 3 r e s o u r c e . c o m |
|  | Write a program in C# Sharp to print individual characters of the string in reverse order. | Test Data : Input the string : w3resource.com *Expected Output* :  The characters of the string in reverse are :  m o c . e c r u o s e r 3 w |
|  | Write a program in C# Sharp to count the total number of words in a string. | Test Data : Input the string : This is w3resource.com *Expected Output* :  Total number of words in the string is : 3 |
|  | Write a program in C# Sharp to compare two string without using string library functions. | Test Data : Input the 1st string : This is first string Input the 2nd string : This is first string *Expected Output* :  The length of both strings are equal and  also, both strings are equal |
|  | Write a program in C# Sharp to count a total number of alphabets, digits and special characters in a string. | Test Data : Input the string : Welcome to w3resource.com *Expected Output* :  Number of Alphabets in the string is : 21  Number of Digits in the string is : 1  Number of Special characters in the string is : 4 |
|  | Write a program in C# Sharp to count a total number of vowel or consonant in a string. | Test Data : Input the string : Welcome to w3resource.com *Expected Output* :  The total number of vowel in the string is : 9  The total number of consonant in the string is : 12 |
|  | Write a program in C# Sharp to extract a substring from a given string without using the library function. | Test Data : Input the string : This is a test strin Input the position to start extraction :5 Input the length of substring :5 *Expected Output* :  The substring retrieve from the string is : is a |
|  | Write a C# Sharp program to check whether a given substring is present in the given string. | Test Data : Input the string : This is a Test String Input the substring to search : Test *Expected Output* :  The substring exists in the string |
|  | Write a program in C# Sharp to check the username and password. | Test Data : Input a username: user Input a password: pass  *Expected Output* :  Password entered successfully! |
|  | Write a C# Sharp program to remove duplicate characters from a given string | *Expected Output* :  Original String: aaaaaabbbbccc  After removing duplicates characters from the said string: abc  Original String: Python  After removing duplicates characters from the said string:  Python  Original String: Java  After removing duplicates characters from the said string: Jav |
|  | Write a C# Sharp program to find the maximum and minimum number from a given string of numbers separated by single space. | *Expected Output* :  Original string of numbers: 3 4 8 9 0 2 1  Maximum and minimum number of the said string: 9, 0 |
|  | C# Program to read a string and find the sum of all digits in the string. | *Input :a1234*  *Output: 10* |