**1.**  C# Sharp to create a user define function.   
Expected Output :  
Welcome Friends!  
Have a nice day!

**2.**  C# Sharp to create a user define function with parameters.    
Test Data :  
Please input a name : John  
Expected Output :  
Welcome friend John !  
Have a nice day!

**3.**  C# Sharp to create a function for the sum of two numbers.    
Test Data :  
Enter a number: 15  
Enter another number: 16  
Expected Output :  
The sum of two numbers is : 31

**4.**  C# Sharp to create a function to input a string and count number of spaces are in the string.    
Test Data :  
Please input a string : This is a test string.  
Expected Output :  
"This is a test string." contains 4 spaces

**5.**  C# Sharp to calculate the sum of elements in an array.    
Test Data :  
Input 5 elements in the array :  
element - 0 : 5  
element - 1 : 7  
element - 2 : 3  
element - 3 : 2  
element - 4 : 9  
Expected Output :  
The sum of the elements of the array is 26

**6.**  C# Sharp to create a function to swap the values of two integer numbers.  Test Data :  
Enter a number: 5  
Enter another number: 6  
Expected Output :  
Now the 1st number is : 6 , and the 2nd number is : 5

**7.**  C# Sharp to create a function to calculate the result of raising an integer number to another.  Test Data :  
Input Base number: 3  
Input the Exponent : 2  
Expected Output :  
So, the number 3 ^ (to the power) 2 = 9  
**8.**  C# Sharp to create a function to display the n number Fibonacci sequence.

Test Data :  
Input number of Fibonacci Series : 5  
Expected Output :  
The Fibonacci series of 5 numbers is :  
0 1 1 2 3

**9.**  C# Sharp to create a function to check whether a number is prime or not.  Test Data :  
Input a number : 31  
Expected Output :  
31 is a prime number  
**10.**  C# Sharp to create a function to calculate the sum of the individual digits of a given number

Enter a number: 1234  
Expected Output :  
The sum of the digits of the number 1234 is : 10