1. Write a C# Sharp program that takes three letters as input and display them in reverse order.

Test Data

Enter letter: b

Enter letter: a

Enter letter: t

Expected Output :

t a b

2. Write a C# Sharp program that takes a number and a width also a number, as input and then displays a triangle of that width, using that number.

Test Data

Enter a number: 6

Enter the desired width: 6

Expected Output :

666666
66666
6666
666
66
6

3. Write a C# Sharp program that takes userid and password as input (type string). After 3 wrong attempts, user will be rejected.

4. Write a C# Sharp program that takes two numbers as input and perform an operation (+,-,*,x,/) on them and displays the result of that operation.

Test Data

Input first number: 20

Input operation: -

Input second number: 12

Expected Output :

20 - 12 = 8

5. Write a C# Sharp program that takes the radius of a circle as input and calculate the perimeter and area of the circle.

Test Data

Input the radius of the circle :

12

Expected Output :

Perimeter of Circle : 75.36

6. Write a C# Sharp program to display certain values of the function $x = y^2 + 2y + 1$ (using integer numbers for y , ranging from -5 to +5).

7. Write a C# Sharp program that takes distance and time as input and displays the speed in kilometers per hour and miles per hour.

Test Data:

Input distance(meters): 50000

Input timeSec(hour): 1

Input timeSec(minutes): 35

Input timeSec(seconds): 56

Expected Output:

Your speed in meters/sec is 8.686588

Your speed in km/h is 31.27172

Your speed in miles/h is 19.4355

8. Write a C# Sharp program that takes the radius of a sphere as input and calculate and display the surface and volume of the sphere.

Test Data:

Radius: 2

Expected Output:

50.26548

33.51032

9. Write a C# Sharp program that takes a character as input and check the input (lowercase) is a vowel, a digit, or any other symbol.

Test Data:

Input a symbol: a

Expected Output:

It's a lowercase vowel

10. Write a C# Sharp program that takes two numbers as input and returns true or false when both numbers are even or odd.

11. Write a C# Sharp program that takes a decimal number as input and displays its equivalent in binary form.

Test Data:

Number to convert (or "end")? 25

Expected Output:

Binary: 11001