

Exercise 2.6

Programming Exercise of C# Operator using array

Q1: Write a program to calculate $(a*a + b*b + 2*a*b)$

Q2: Write a program to calculate formula $(a + b) / (5 + a - b)$.

Q3: Write a program to check whether input number is even or odd.

Q4: Write a program to calculate power of given number by user.

Q5: Write a program to calculate area of triangle. Take required input from user and then calculate the area of triangle.

Modify the exercise 2.5, and use arrays for entries and result (the same data type). Display the results (one operation per line) from those arrays (use placeholders).

```
using System;
//FName Lame, 2010-05-22, Testing Try and Catch, arrays, placeholders

namespace ConsoleAppTryCatch
{
    class Program
    {
        static void Main(string[] args)
        {
            byte num1 = 0, num2 = 0;
            double result = 0, power = 0;
            bool test = false;

            // enter here your code

            Console.ReadKey();
        }
    }
}
```