

Exercise 2.5

Programming Exercise of C# Operator

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 3, that for all conversions you add the **try** and **catch** instruction for each conversion. Display the results (one operation per line) using placeholders.

```
using System;  
//FName Lame, 2018-05-24, Testing Try and Catch
```

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

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

```
        }  
    }  
}
```