Exercise 2: Computing Binomial Expression

In this exercise, you need to compute the binomial expression (a+b)^2.

WE'LL COVER THE FOLLOWING ^

- Problem Statement
 - Example

Problem Statement

Write code for computing the formula

(a+b)^2

which expands into the following expression:

$$a^2 + 2ab + b^2$$

In your code:

- Compute **squares** of **double** type variables **a** and **b**.
- Compute the product 2*a*b
- Then **Add** the **squares** and the **product** together.
- Use Math.Pow library to compute the squares of tha variables a and b.

Example

Input:

```
a = 2.4;
b = 4.5;
```

Output

Answer is: 47.61

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

Good Luck!

```
using System;
class Exercise1
{

  public static double test(double a, double b) {
    double answer=0;
    //write your answer here
    return answer;
}
}
```