Exercise 2: Computing Binomial Expression

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

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!

```csharp
using System;
class Exercise1
{

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

}
```