Task No 03: Create a simple program to calculate Hypotenuse using Pythagoras theorem c^2 =(a^2 + b^2)

Input:

```
using System;

namespace Abdullah_Sadiq_CP_Home_Tasks
{
    class Program
    {
        static void Main(string[] args)
        {
            double hyp, side_a, side_b;
            Console.WriteLine("\t-Calculate the Hypotanuse of a Right Angle Triangle-");
            Console.WriteLine("\nEnter Lenght of Side 'A' (in cm):");
            side_a = Convert.ToDouble(Console.ReadLine());
            Console.WriteLine("Enter Lenght of Side 'B' (in cm):");
            side_b = Convert.ToDouble(Console.ReadLine());
            hyp = side_a*side_a + side_b*side_b;
            double final_answer = Math.Sqrt(hyp);
            Console.WriteLine("The Length of Hypotanuse is {0} cm", final_answer);
        }
    }
}
```

Output:

Microsoft Visual Studio Debug Console

```
        -Calculate the Hypotanuse of a Right Angle Triangle-

Enter Lenght of Side 'A' (in cm):
5
Enter Lenght of Side 'B' (in cm):
6
The Length of Hypotanuse is 7.810249675906654 cm

C:\Users\ESHOP\source\repos\Abdullah Sadiq CP Home Tasks\Abdullah Sadiq CP Home Tasks\
```