//Increase the number a to the power of b and get the output

using System;

class Program

{

static void Main(string[] args)

{

// Get input for a

Console.Write("Enter the base number (a): ");

double a = Convert.ToDouble(Console.ReadLine());

// Get input for b

Console.Write("Enter the exponent (b): ");

double b = Convert.ToDouble(Console.ReadLine());

// Calculate the power

double result = Math.Pow(a, b);

// Display the result

Console.WriteLine($"The result of {a} raised to the power of {b} is: {result}");

// Wait for user to press a key before exiting

Console.WriteLine("Press any key to exit...");

Console.ReadKey();

}

}