Write a program to find out the area of circle.

import java.util.Scanner;

public class CircleArea {

 public static void main(String[] args) {

 // Create a Scanner object for user input

 Scanner scanner = new Scanner(System.in);

 // Prompt the user to enter the radius of the circle

 System.out.print("Enter the radius of the circle: ");

 double radius = scanner.nextDouble();

 // Calculate the area of the circle

 double area = Math.PI \* radius \* radius;

 // Display the result

 System.out.println("The area of the circle is: " + area);

 // Close the scanner

 scanner.close();

 }

}