import java.util.Scanner;

class CircleDemo

{

static Scanner sc = new Scanner(System.in);

public static void main(String args[])

{

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

double radius = sc.nextDouble();

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

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

double circumference= Math.PI \* 2\*radius;

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

}

}