

Day 25 coding Statement : Write a program to find Area of a circle

Description

Get the value for radius from the user and calculate the area of the circle for the given radius.

Area of circle = $3.14 \times \text{radius} \times \text{radius}$

Input

3

Output

28.26

Code :

```
import java.util.Scanner;
public class Day_25 {
    public static void main(String args[])
    {
        Scanner sc=new Scanner(System.in);
        System.out.print("Enter radius of a circle : ");
        float r=sc.nextFloat();

        final float pi=3.14f;
        System.out.println("Area of a given circle is : "+pi*r*r);
        sc.close();  }}
```

Output:

```
C:\Users\DELL\Talent-Battle-100-Days-Coding-Series\Day_25\Java>java Day_25.java
Enter radius of a circle : 3
Area of a given circle is : 28.26

C:\Users\DELL\Talent-Battle-100-Days-Coding-Series\Day_25\Java>java Day_25.java
Enter radius of a circle : 4.5
Area of a given circle is : 63.585

C:\Users\DELL\Talent-Battle-100-Days-Coding-Series\Day_25\Java>java Day_25.java
Enter radius of a circle : 3.5
Area of a given circle is : 38.465004
```