

<https://course.acciojob.com/idle?question=38f8ae0b-1f16-4a9c-8d27-15f13fd97653>

● EASY

● Max Score: 30 Points

Circle Area-Perimeter

You are required to take the radius of a circle as input from the user, and finally, print the area and perimeter of the circle.

Note: Take pi as 3

Input Format

One line contains a number which is the radius of a circle.

Output Format

Print the area of the circle in the first line

Print the perimeter of the circle in the second line

Example 1

Input

4

Output

48
24

Explanation

$2 * \pi * r = 24$ and $\pi * r * r = 48$, where r is radius.

Example 2

Input

7

Output

147
42

Explanation

$2 * \pi * r = 147$ and $\pi * r * r = 42$, where r is radius

Constraints

$0 \leq \text{radius} \leq 100000$

$\pi = 3$

Topic Tags

- Math

My code

// in java

```
import java.util.*;
```

```
public class Main {  
    public static void CircleAreaPerimeter() {  
        Scanner sc = new Scanner(System.in);  
        int radius = sc.nextInt();  
        int pi = 3;
```

```
        System.out.println(pi * radius * radius);  
        System.out.println(2 * pi * radius);  
  
    }  
    public static void main(String[] args) {  
        CircleAreaPerimeter();  
    }  
}
```