Day 1: Let and Const

Objective

In this challenge, we practice declaring variables using the *let* and *const* keywords. Check out the attached tutorial for more details.

Task

1. Declare a *constant variable*, PI, and assign it the value *Math.PI*. You will not pass this challenge unless the variable is declared as a constant and named `PI` (uppercase).

2. Read a number, r, denoting the radius of a circle from stdin.

3. Use PI and r to calculate the **area** and **perimeter** of a circle having radius r.

4. Print **area** as the first line of output and print **perimeter** as the second line of output.

Input Format

A single integer, r, denoting the radius of a circle.

Constraints

- $0 < r \leq 100$

- r is a floating-point number scaled to *at most* 3 decimal places.

Output Format

Print the following two lines:

1. On the first line, print the **area** of the circle having radius r.

2. On the second line, print the **perimeter** of the circle having radius r.

Sample Input 0

```
2.6
```

Sample Output 0

```
21.237166338267002
16.336281798666924
```

Explanation 0

Given the radius $r = 2.6$, we calculate the following:

- $area = \pi \cdot r^2 = 21.237166338267002$

- $perimeter = 2 \cdot \pi \cdot r = 16.336281798666924$

We then print *area* as our first line of output and *perimeter* as our second line of output.