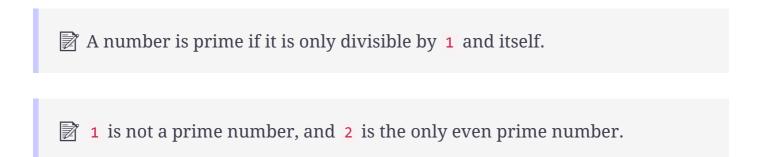
Challenge 2: Find out if the Given Number is Prime

Let's test our understanding by solving a simple challenge in this lesson.



Problem statement

In this challenge, you are given a number. Your task is to find whether the given number is prime or not.



Input

We have already initialized the variable number at the backend.

Output

- If the given number is prime, then you should print prime to the console.
- If the given number is not prime, then you should print not prime to the console.

Sample input

```
int number = 31;
```

Sample output

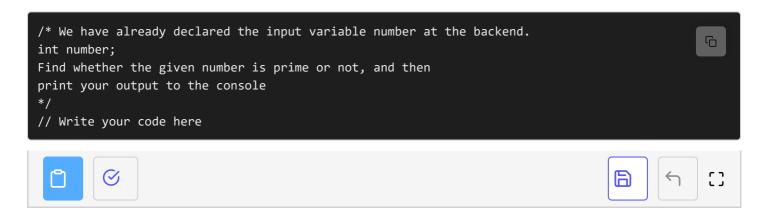
prime

Coding exercise

Before diving directly into the solution, first, try to solve it yourself, and then check if your code passes all the test cases. If you get stuck, you can always see the given solution.

Please use the variable number for the input and print your output to the console; otherwise, your code will not execute.

Good Luck! ∱



If you have solved the problem, well done!

In case you are stuck, let's go over the solution review in the next lesson.