Challenge 1: Check Divisibility by 3 and 4

This lesson will test your knowledge of functions through a challenge.

We'll cover the following

Problem Statement

Write a function `test_divisibility_by_3_4` which will check whether a given integer number is `divisible by 3 or 4`.

- If the number is divisible by both return 0
- If the number is divisible by 3 only return 1
- If the number is divisible by 4 only return 2
- If the number is not divisible by both, return -1

Input

```
integer
```

Output

The output can be any of the following:

```
0 , 1 , 2 ,-1
```

Sample Input

```
12 , 9 , 16 , 19
```

Sample Output

```
0 , 1 , 2 , -1
```

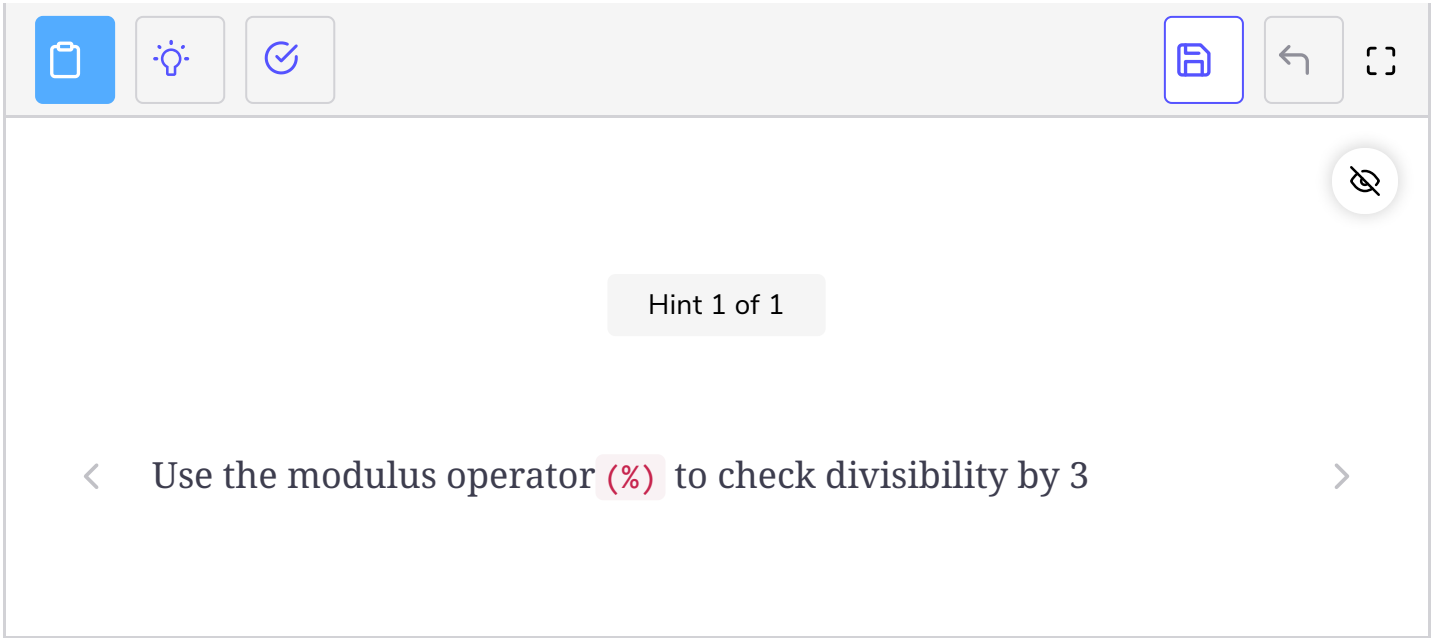
Coding Exercise

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

> **Note:** There is a `test_divisibility_by_3_4` function given in the code for testing purposes. Do not modify it.

Good luck!

```
fn test_divisibility_by_3_4(a:i32) -> i32{
    // Write code here
    -10
}
```



Let's move on to the detailed solution review in the next lesson.