Challenge 2: Check Parity of a Number

In this challenge, you have to calculate the parity of a number.

Parity is a term to express if a given integer is even or odd.

Problem Statement

Given a `checkParity(n)` function, write code to determine if a given number `n` is **even** or **odd**. Think of this as a function that returns 0 if the number is even, and 1 if it is odd. You have been given some starter code where the function and return statement have already been written, so don't worry about any Python-specific details about functions; just implement the function logic!

Input

A number

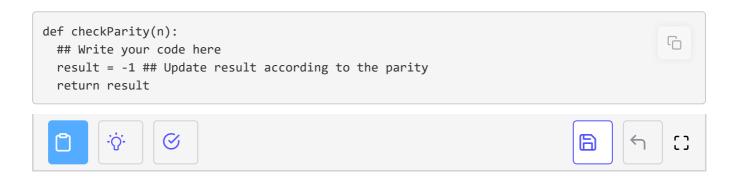## Output #

The parity of the number

Sample Input

4

Sample Output

0

Coding Exercise

Check the Python library reference for more details!

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

```python
def checkParity(n):
  ## Write your code here
  result = -1 ## Update result according to the parity
  return result
```

Let's move on to the solution of how to calculate the parity of a number.