

TASK – 4

Aim :

Given a year, determine whether it is a leap year. If it is a leap year, return the Boolean True, otherwise return False.

Note that the code stub provided reads from STDIN and passes arguments to the `is_leap` function. It is only necessary to complete the `is_leap` function.

Code Implementation :

```
def is_leap(year):  
    return (year % 4 == 0 and year % 100 != 0) or (year % 400 == 0)  
  
year = int(input())  
print(is_leap(year))
```

Output :

The screenshot displays a coding platform interface with a dark theme. On the left, a vertical list of test cases is shown, each with a green checkmark icon and a lock icon. The test cases are labeled 'Test case 0' through 'Test case 5'. 'Test case 0' is highlighted in green. To the right of the test cases, a 'Compiler Message' box displays the word 'Success' in white text. Below this, a large section titled 'Hidden Test Case' in white text, accompanied by a lock icon, contains the text 'Unlock this testcase for 5 hackos.' and a prominent 'Unlock' button in white text.

Test Case	Status
Test case 0	Success
Test case 1	Locked
Test case 2	Locked
Test case 3	Locked
Test case 4	Locked
Test case 5	Locked

Compiler Message

Success

Hidden Test Case

Unlock this testcase for 5 hackos.

Unlock