

NAME: AMBAT LAURENCE JIMUEL A.

DATE: 08-09-2025 SUBJECT NAME/CODE: CEBES-12 LAB ACT: 3

### **GUIDELINES:**

- Always screen record your activity before posting it on YouTube and GitHub.
- Ensure you provide the IPO on the designated box below.
- Complete all tasks before the week of exams.
- Include the GitHub link on this paper.

### **LAB ACTIVITY:**

In this activity, students will create a function called `check_number(num)`, which determines whether a given number is odd or even. The function will use an if-else statement to check if the number is divisible by 2 using the modulo operator (%). If the remainder when divided by 2 is 0, it means the number is even, otherwise, it is odd. When calling `check_number(4)`, the program should print "4 is an Even number.", whereas calling `check_number(7)` should print "7 is an Odd number.". The function should also work with negative numbers and zero. This activity helps students practice using mathematical operations, conditional logic, and function calls in Python.

### **IPO FRAMEWORK BOX**

INPUT	PROCESS	OUTPUT
A function which determines - whether a given number is odd or even.	Using an If-else statement in order to check if the No. is divisible by 2. If the remainder when divided by 2 is 0, means that the number is even, otherwise, it is odd.	<code>check - Number (num)</code>

### **EXPLAIN:**

How did you program and divide your process to create the said Activity?

Just by following the step by step of the program, you will get the results. by dividing the process, I used other codes in order for it to function or else it will not work.

### **LINKS:**

~~<https://youtube.com/shorts/5W5Tksm6Sjg?si=8qY1pGfTd6RLtaKo>~~ <https://youtube.com/shorts/5W5Tksm6Sjg?si=8qY1pGfTd6RLtaKo>