

NAME: AMBAT, LAURENCE JIMUEL E.

DATE: 03-09-2025

SUBJECT NAME/CODE: CPBS 12

LAB ACT: 5

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 write a function that categorizes a person based on their age using an if-elif-else structure. The function, named `classify_age(age)`, will take an age as input and classify individuals into four groups: Child (0-12 years), Teen (13-19 years), Adult (20-64 years), and Senior (65+ years). If an invalid age (negative number) is entered, the function should print an appropriate message. Students will call this function multiple times with different age values to observe how the program categorizes different individuals. For example, calling `classify_age(8)` should print "You are a Child.", while `classify_age(70)` should print "You are a Senior.". This exercise will help students understand function definitions, parameter usage, and conditional statements in Python.

IPO FRAMEWORK BOX

INPUT	PROCESS	OUTPUT
A function that categorizes a person based on their age.	By calling this function multiple times with different age values to observe how the program categorizes different individuals.	named <code>classify_age</code>

EXPLAIN:

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

By following the structure of the program, it went really smoothly. I divided it by using tabs for them to separate each other.

LINKS:

https://youtube.com/shorts/R8eAiw20GNXo?si=-N0hoGQlpSuFABl_