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DATE: 01- SUBJECT NAME/CODE: _____ LAB ACT: _____

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:

You will be creating a list or array that stores engineering terms and definitions without using if-else statements. The dictionary should be correctly implemented using basic list operations, ensuring terms are accessible and modifiable. The code must follow the IPO (Input-Process-Output) framework, with clear inputs (terms and definitions), processes (list management), and outputs (correct retrieval of terms). The student should demonstrate good coding practices with meaningful variable names, efficient use of Python constructs, and organized, readable code.

IPO FRAMEWORK BOX

INPUT	PROCESS	OUTPUT
[DATA] LISTING 30 WORDS AND THEIR DESCRIPTIONS.	-TERMINOLOGY -INPUT OPERATION TO FIND THE SEARCHED WORD -PRINT FUNCTION TO GET THE DEFINITIONS.	DICTIONARY

EXPLAIN:

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

I LIST 30 WORDS ABOUT ENGINEERING TERMS WITH THEIR DESCRIPTION AND INPUT TO GET THE GIVEN WORD. AT LAST, I TYPED PRINT DISPLAY ABOUT THE SAID WORDS.

LINKS:

YT: <https://youtube.com/shorts/25Cw8OKx9G0?si=cloosXLLX1Dj01o5>

GH: <https://github.com/Trixi27/Dictionary/edit/main/README.md>

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