



LYCEUM OF THE PHILIPPINES UNIVERSITY – CAVITE
COLLEGE OF ENGINEERING
Elective 2 (Web Application Development)

CONDITIONAL STATEMENTS IN PHP

SCORE/GRADE

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Course Code / Section	ECPN01E

INSTRUCTIONS:



- After you are done performing this activity, kindly create a short video that will show yourself and your output (webpage design). In case you will not be able to comply all the requirements needed, just take a video for your current accomplished webpages only.
- Kindly submit your short video in the link provided by your teacher.
- No late submission will be accepted and checked.
- Kindly do your own work. You can ask your classmates but definitely do not copy.
- The main goal of this activity is not just to accomplish the task, but to learn something in webpage designing.

I. OBJECTIVES

At the end of this laboratory, student should be able to:

- Explore and understand conditional statements in PHP programming language.
- Incorporate conditional statements in PHP in an actual web development.
- Develop web application where conditional statements applied in an actual scenario.

II. MATERIALS

III. PROCEDURES

IV. DISCUSSION

- As a programmer, when do we need to use or apply conditional statements?

When we have a situation that requires two or more logical operations.

- What is the purpose of function in PHP? When and why are we going to apply function in our scripts?

It makes things modular and easier to maintain. We also apply it when an element requires to do a specific repeating thing.

- In web development, when should we put comments in our scripts?

Sometimes before writing the code, or sometimes after writing the code.



4. Discuss If-Else conditional statement.

It only has two logical branches. If being the first one, and else being the second one.

5. Discuss If-Else-Elseif or nested If Else conditional statement.

There would be more than two branches here. Elseif just makes that happen.

6. Discuss Switch conditional statement.

When things are evaluated whether it will have an equal value or not and these are set. It cannot be used to evaluate ranges like "is this thing more than or less than 67 or whatever arbitrary number." If else is more appropriate for that.

7. Differentiate switch to nested if else conditional statement.

I just did that on number 6.



VIII. OBSERVATION

I asked jude how he did the tax table thing and he used a literal table (2d array) in which I didn't expect it to be. However, this can just use a hashmap instead to lessen the number of typings I do. I did also notice there were a lot of elements I would need to initialize as objects, each having their own variable names hardcoded. But, after having chatgpt guide me what sort of techniques can be utilized, I did go with the hashmap instead.

It was still confusing to use the arrow operator in javascript.

IX. CONCLUSION

I hate javascript