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

CONDITIONAL STATEMENTS IN PHP

SCORE/GRADE

Student Name (LN, FN, MI)	
Date Assign	
Date of Submission	
Course Code / Section	

INSTRUCTIONS:

ENGR. ANABELLA C. DOCTOR – CPE, MIT

a) 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.
b) Kindly submit your short video in the link provided by your teacher.
c) No late submission will be accepted and checked.
d) Kindly do your own work. You can ask your classmates but definitely do not copy.
e) 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:
1. Explore and understand conditional statements in PHP programming language.
2. Incorporate conditional statements in PHP in an actual web development.
3. Develop web application where conditional statements applied in an actual scenario.

II. MATERIALS

(1) Computer Set
(2) VS Code
(3) XAMPP
(4) https://www.w3schools.com/html/default.asp
(5) https://www.w3schools.com/css/default.asp
(6) https://www.w3schools.com/bootstrap/bootstrap_ver.asp

III. PROCEDURES

Problem:

Create a simple payroll web application that will compute the gross income and net income of an employee with the following specification:
1. As a programmer, you are allowed to create your own interface design based on your own likes, however, all required fields shown in Payroll webpage design under laboratory activity 2 should be present.
2. You can use the payroll webpage designed under PAYROLL - Laboratory 2.
3. To comply with the requirements needed, consider the given computation requirements below:

      a. Basic Income:

          Income / Cut Off = rate_per_hour * num_of_hours_cutoff

      b. Honorarium Income:

          Income / Cut Off = rate_per_hour * num_of_hours_cutoff

      c. Other Income:

Income / Cut Off = rate_per_hour * num_of_hours_cutoff

d. Gross Income:

Gross Income = basic_income_cutoff + honorarium_income_cutoff + other_income_cutoff

e. Regular Deductions:

SSS Contribution, PhilHealth Contribution, Income Tax Contribution are coming from the actual contributions mandated by the law. Kindly refer to the given figure below for the deductions, and Pagibig Contribution is fixed with a value of 100.00.

f. Total Deductions:

Total Deductions = add all input data under Regular Deductions and Other Deductions

g. Net Income:

Net Income = Gross Income – Total Deductions

REVISED WITHTHOLDING TAX TABLE (version 2)
Effective January 1, 2018 to December 31, 2022

DAILY	1	2	3	4	5	6
Compensation Range	P 685 and below	P 685-P1,095	P1,096-P2,191	P2,192-P5,478	P5,579-P21,917	P21,918 and above
Prescribed Withholding Tax	0.00	0.00 + 20% over P 685	P 82.19 + 25% over P1,096	P 356.16 + 30% over P2,192	P 1,342.47 + 32% over P5,479	P 6,602.74 + 35% over P21,918
WEEKLY	1	2	3	4	5	6
Compensation Range	P 4,808 and below	P 4,808-P7,691	P7,692-P15,384	P15,385-P38,461	P38,462-P153,845	P153,846 and above
Prescribed Withholding Tax	0.00	0.00 + 20% over P4,808	P576.92 + 25% over P7,692	P 2,500.00 + 30% over P15,385	P 9,423.08 + 32% over P38,462	P 46,346.15 + 35% over P153,846
SEMI-MONTHLY	1	2	3	4	5	6
Compensation Range	P 10,417 and below	P 10,417-P16,666	P16,667-P33,332	P 33,333-P83,332	P 83,333-P333,332	P 333,333 and above
Prescribed Withholding Tax	0.00	0.00 + 20% over P10,417	1,250.00 + 25% over P16,667	5,416.67 + 30% over P33,333	20,416.67 + 32% over P83,333	100,416.67 + 35% over P333,333
MONTHLY	1	2	3	4	5	6
Compensation Range	P 20,833 and below	P 20,833-P33,332	P33,333-P66,666	P66,667-P166,666	P166,667-P 666,666	P 666,667 and above
Prescribed Withholding Tax	0.00	0.00 + 20% over P20,833	P 2,500.00 +25% over P33,333	P 10,833.33 + 30% over P66,667	P 40,833.33 + 32% over P166,667	P 200,833.33 + 35% over P666,667

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SSS CONTRIBUTION TABLE 2019

Employer - Employee

Range of Compensation	Monthly Salary Credit	EMPLOYER - EMPLOYEE						
		SOCIAL SECURITY			EC	TOTAL CONTRIBUTION		
		ER	EE	Total	ER	ER	EE	Total
1,000 - 1,249.99	1,000	73.70	36.30	110.00	10.00	83.70	36.30	120.00
1,250 - 1,749.99	1,500	110.50	54.50	165.00	10.00	120.50	54.50	175.00
1,750 - 2,249.99	2,000	147.30	72.70	220.00	10.00	157.30	72.70	230.00
2,250 - 2,749.99	2,500	184.20	90.80	275.00	10.00	194.20	90.80	285.00
2,750 - 3,249.99	3,000	221.00	109.00	330.00	10.00	231.00	109.00	340.00
3,250 - 3,749.99	3,500	257.80	127.20	385.00	10.00	267.80	127.20	395.00
3,750 - 4,249.99	4,000	294.70	145.30	440.00	10.00	304.70	145.30	450.00
4,250 - 4,749.99	4,500	331.50	163.50	495.00	10.00	341.50	163.50	505.00
4,750 - 5,249.99	5,000	368.30	181.70	550.00	10.00	378.30	181.70	560.00
5,250 - 5,749.99	5,500	405.20	199.80	605.00	10.00	415.20	199.80	615.00
5,750 - 6,249.99	6,000	442.00	218.00	660.00	10.00	452.00	218.00	670.00
6,250 - 6,749.99	6,500	478.80	236.20	715.00	10.00	488.80	236.20	725.00
6,750 - 7,249.99	7,000	515.70	254.30	770.00	10.00	525.70	254.30	780.00
7,250 - 7,749.99	7,500	552.50	272.50	825.00	10.00	562.50	272.50	835.00
7,750 - 8,249.99	8,000	589.30	290.70	880.00	10.00	599.30	290.70	890.00
8,250 - 8,749.99	8,500	626.20	308.80	935.00	10.00	636.20	308.80	945.00
8,750 - 9,249.99	9,000	663.00	327.00	990.00	10.00	673.00	327.00	1,000.00
9,250 - 9,749.99	9,500	699.80	345.20	1,045.00	10.00	709.80	345.20	1,055.00
9,750 - 10,249.99	10,000	736.70	363.30	1,100.00	10.00	746.70	363.30	1,110.00
10,250 - 10,749.99	10,500	773.50	381.50	1,155.00	10.00	783.50	381.50	1,165.00
10,750 - 11,249.99	11,000	810.30	399.70	1,210.00	10.00	820.30	399.70	1,220.00
11,250 - 11,749.99	11,500	847.20	417.80	1,265.00	10.00	857.20	417.80	1,275.00
11,750 - 12,249.99	12,000	884.00	436.00	1,320.00	10.00	894.00	436.00	1,330.00
12,250 - 12,749.99	12,500	920.80	454.20	1,375.00	10.00	930.80	454.20	1,385.00
12,750 - 13,249.99	13,000	957.70	472.30	1,430.00	10.00	967.70	472.30	1,440.00
13,250 - 13,749.99	13,500	994.50	490.50	1,485.00	10.00	1,004.50	490.50	1,495.00
13,750 - 14,249.99	14,000	1,031.30	508.70	1,540.00	10.00	1,041.30	508.70	1,550.00
14,250 - 14,749.99	14,500	1,068.20	526.80	1,595.00	10.00	1,078.20	526.80	1,605.00
14,750 - 15,249.99	15,000	1,105.00	545.00	1,650.00	30.00	1,135.00	545.00	1,680.00
15,250 - 15,749.99	15,500	1,141.80	563.20	1,705.00	30.00	1,171.80	563.20	1,735.00
15,750 - over	16,000	1,178.70	581.30	1,760.00	30.00	1,208.70	581.30	1,790.00

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Salary Bracket	Salary Range	Salary Base	Total Monthly Premium	Employee Share	Employer Share
1	8,999.99andbelow	8,000.00	200	100.00	100.00
2	9,000.00-9,999.99	9,000.00	225	112.50	112.50
3	10,000.00-10,999.99	10,000.00	250	125.00	125.00
4	11,000.00-11,999.99	11,000.00	275	137.50	137.50
5	12,000.00-12,999.99	12,000.00	300	150.00	150.00
6	13,000.00-13.999.99	13,000.00	325	162.50	162.50
7	14,000.00-14,999.99	14,000.00	350	175.00	175.00
8	15,000.00-15,999.99	15,000.00	375	187.50	187.50
9	16,000.00-16,999.99	16,000.00	400	200.00	200.00
10	17,000.00-17,999.99	17,000.00	425	212.50	212.50
11	18,000.00-18,999.99	13.000.00	450	225.00	225.00
12	19,000.00-19,999.99	19,000.00	475	237.50	237.50
13	20,000.00-20,999.99	20,000.00	500	250.00	250.00
14	21,000.00-21,999.99	21,000.00	525	262.50	262.50
15	22,000.00-22,999.99	22,000.00	550	275.00	275.00
16	23,000.00-23,999.99	23,000.00	575	287.50	287.50
17	24,000.00-24,999.99	24,000.00	600	300.00	300.00
18	25,000.00-25,999.99	25,000.00	625	312.50	312.50
19	26,000.00-26,999.99	26,000.00	650	325.00	325.00
20	27,000.00-27,999.99	27,000.00	675	337.50	337.50
21	28,000.00-28,999.99	28,000.00	700	350.00	350.00
22	29,000.00-29,999.99	29,000.00	725	362.50	362.50
23	30,000.00-30,999.99	30,000.00	750	375.00	375.00
24	31,000.00-31,999.99	31,000.00	775	387.50	387.50
25	32,000.00-32,999.99	32,000.00	800	400.00	400.00
26	33,000.00-33,999.99	33,000.00	825	412.50	412.50
27	34,000.00-34,999.99	34,000.00	850	425.00	425.00
28	35,000.00-andup	35,000.00	875	437.50	437.50

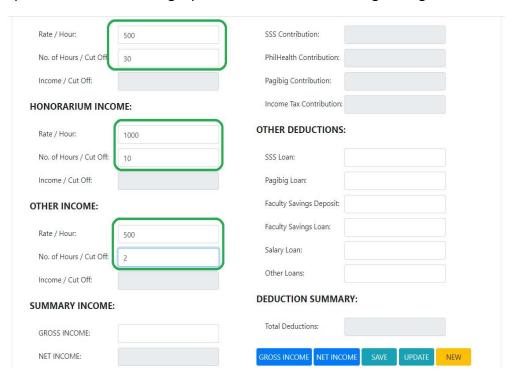**ENGR. ANABELLA C. DOCTOR – CPE, MIT**

NOTE: YOU CAN DOWNLOAD THIS CONTRIBUTION TABLES IN GOOGLE.

4. When GROSS INCOME button clicked, computation results for Income / Cut Off under basic, honorarium, other income, and regular deductions will be displayed in their corresponding input text or textboxes. In addition, all data entry inputted by the user before clicking the CALCULATE GROSS INCOME button will remain displayed in their corresponding textboxes also.

5. When NET INCOME button clicked, computation results for Total Deduction, and Net Income will be displayed in their corresponding input text or textboxes. In addition, all data displayed after clicking the Calculate Gross Income button will remain, and the data entry inputted by the user in Other Deductions input text will also display in their corresponding textboxes.

6. When the NEW button clicked, all input textboxes will be empty.

7. The whole scenario of this application is shown below.

    a. Run your application using your URL. If you created your own design, make it sure that all field from the original given design are covered as shown below:
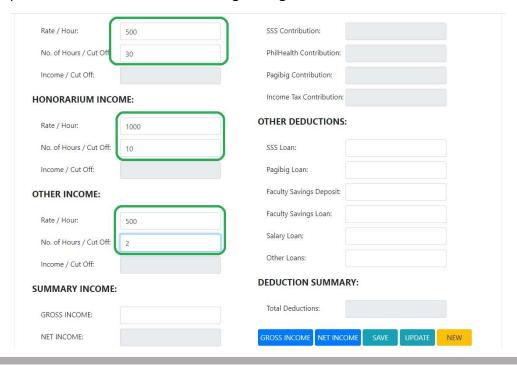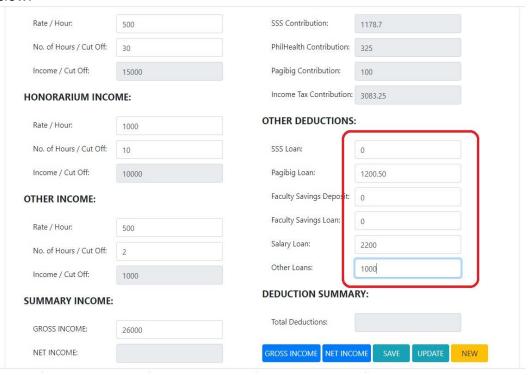

SE-RI`S CHOICE PAYROLL

EMPLOYEE BASIC INFO:

Firstname:	
Middle Name:	
Surname:	
Civil Status:	
Qualified Dependents Status:	
Paydate:	
Employee Number:	
Employee Status:	
Department:	
Designation:	

BASIC INCOME:

Rate / Hour:	
No. of Hours / Cut Off:	
Income / Cut Off:	

REGULAR DEDUCTIONS:

SSS Contribution:	
PhilHealth Contribution:	
Pagibig Contribution:	
Income Tax Contribution:	

HONORARIUM INCOME:

Rate / Hour:	
No. of Hours / Cut Off:	
Income / Cut Off:	

OTHER DEDUCTIONS:

SSS Loan:	
Pagibig Loan:	
Faculty Savings Deposit:	
Faculty Savings Loan:	
Salary Loan:	
Other Loans:	

OTHER INCOME:

Rate / Hour:	
No. of Hours / Cut Off:	
Income / Cut Off:	

SUMMARY INCOME:

GROSS INCOME:	
NET INCOME:	

DEDUCTION SUMMARY:

Total Deductions:	

GROSS INCOME | NET INCOME | SAVE | UPDATE | NEW

ENGR. ANABELLA C. DOCTOR – CPE, MIT

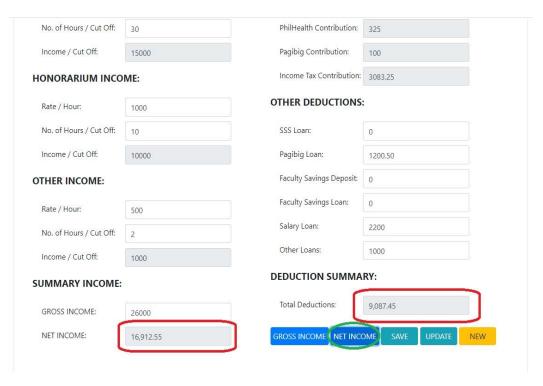b. Input data to the following input textboxes shown in the given figure below:

c. After doing step b, click GROSS INCOME button.

d. After clicking the gross income button, computed results for Basic Income, Honorarium Income, Other Income, Gross Income, SSS contribution, PhilHealth contribution, Pagibig, and Income Tax contribution will display on their corresponding input textbox which is shown in the given figure below.

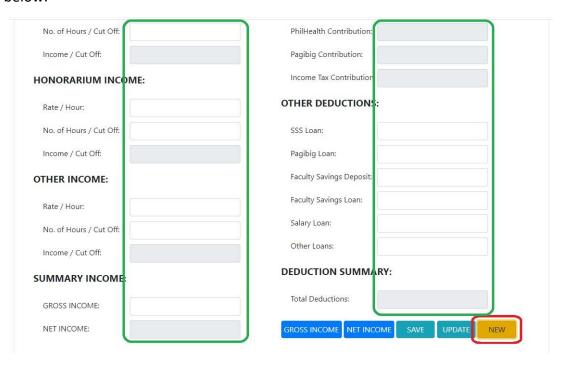**ENGR. ANABELLA C. DOCTOR – CPE, MIT**

e. Input data inside the textboxes, in Other Deductions as shown in the given figure below:

f. After doing step e, click the NET INCOME button and the computed net income and total deduction will display in their respective textbox as shown in the given figure below:

g. Then, click the NEW button. After clicking the new button, all data in textboxes will be deleted or empty and ready for the next employee payroll transaction, as shown below:

IV. DISCUSSION

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

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_____.

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

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

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4. Discuss If-Else conditional statement.

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5. Discuss If-Else conditional statement.

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6. Discuss If-Else-ElseIf or nested If Else conditional statement.

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7. Discuss Switch conditional statement.

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8. Differentiate switch to nested if else conditional statement.

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VIII. OBSERVATION

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IX. CONCLUSION

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X. RECOMMENDATION

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XI. REFERENCES