



## PHP Basic Tasks

### Logical Statements and Operators

Duration: 5 Hour

1. Write a PHP script to see if the specified year is a leap year or not.

Sample Input: 2013

Sample Output: 'This year is not a leap year'

2. Write a PHP script to check the season depending on the inserted temperature if the temperature is below 20, we are in winter otherwise the season is summer.

Sample Input: 27

Sample Output: 'It is summertime!'

3. Write a PHP script to calculate the sum of the two integers. If the two values are the same, then calculate the triple of their sum.

Sample Input: [ firstInteger => 2 , secondInteger => 2]

Sample Output: ( 2 + 2 ) \* 3 = 12

Sample Output: 'It is summertime!'

4. Write PHP to check if the sum of the two given numbers equals 30, if the condition is true the return their sum otherwise return false

Sample Input: [ firstInteger => 10 , secondInteger => 10]

Sample Output: 'false'

5. Write in PHP script to check if the given positive number is a multiple of 3.

Sample Input: number = 20

Sample Output: 'false'



**6. Write a PHP script to check if the integer value is in the range of [20-50] inclusive.**

Sample Input: number = 50

Sample Output: 'true'

**7. Write PHP script to find the largest number between the three integers**

Sample Input: [ 1, 5, 9 ]

Sample Output: 9

**8. Write PHP script to calculate the monthly electricity bill according to these rules**

- a. For first 50 units – 2.50 JOD/Unit
- b. For next 100 units – 5.00 JOD/Unit
- c. For next 100 units – 6.20 JOD/Unit
- d. For units above 250 – 7.50 JOD/Unit

**9. Write php script to make a calculator, the calculator should contain the four main operations**

- e. Addition
- f. Subtraction
- g. Multiplication
- h. Division

**10. Write php script to check if a person is eligible to vote, minimum age required for voting is 18.**

Sample Input: 15

Sample Output: 'is no eligible to vote'

**11. Write php script to check whether a number is positive, negative or zero**

Sample Input: -60

Sample Output: 'Negative'

**12. Write a PHP to find the grade for the student, after calculating the average of his score in all the subject**

Sample Inputs: [60,86,95,63,55,74,79,62,50]

Sample Output: 'D'



Range	Grade
<60	F
<70	D
<80	C
<90	B
<100	A