**PHP Basic Tasks**

**Monday** **31-7-2023**

Create new repo with name PHP. This repo contain folder “PHPTask31-7-2023”.

**Logical Statements and Operators**

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’

1. **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!’

1. **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!’

1. **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’

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

Sample Input: number = 20

Sample Output: ‘false’

1. **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’

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

Sample Input: [ 1, 5, 9 ]

Sample Output: 9

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

1. For first 50 units – 2.50 JOD/Unit
2. For next 100 units – 5.00 JOD/Unit
3. For next 100 units – 6.20 JOD/Unit
4. For units above 250 – 7.50 JOD/Unit
5. **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’

1. **Write php script** [**to**](https://tutorialsclass.com/exercise/php-program-to-check-if-a-person-is-eligible-to-vote/) [**check whether a number is positive, negative or zero**](https://tutorialsclass.com/exercise/php-program-to-check-if-a-number-is-positive-negative-or-zero/)

Sample Input: -60

Sample Output: ‘Negative’

1. **Write php script to make a calculator**, **the calculator** **should contain the four main operations**
2. Addition
3. Subtraction
4. Multiplication
5. Division
6. **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 |
|  |  |