PHP Sheet #1
(variables, constants, numbers, string, conditions)

1- Write a PHP script that records 3 digits and prints the total of the first two digits multiplied by the third digit.

2- A program that calculates the size of a box whose length and width are fixed with a value of 5 and 10 and the height is variable (size = length x width x height)

3- Write a PHP script that takes a number integer representing the hours and converts it to seconds.

4- Write a PHP script that calculates the Area of a Triangle store the base and height Print the area.

5- Write a PHP script that takes the age in years and prints the age in days.

EraaSoft Learn by practice

6- Get the length of this sentence.
7- Get the length of this sentence without spaces.
8- Get the number of words in this sentence.
9- Check if this word (by) exists in the string or not.
10- Get the word (EraaSoft) from the string and print it.
11- Remove the word (by) from the string and print the string with and without (by)

```
                          $string_one = "Eraa",
                          $string_two = "Soft";
```

12- Make a new variable called (Full_string) that concatenate string_one and string_two
13- Compare the full_string and this string (EraaSoft).

14- Write a PHP script to split the following string.
    Sample string: 'ErraSoft'
    Expected Output: Er/ra/So/ft

15- Write a PHP script that stores the number as a variable and checks if it is odd oreven.
16- Write a PHP script that stores the string as a variable and checks if it is odd or even.

```
              $description = "no pain , no gain ";
```

17- Check from this string o If the string has "gain" Print (success word) o If the string has (peen) Print (success word) Else (wrong word)

18- A Boolean is a data type that has only two values true or false. These values often correspond to 1 (true) or 0 (false). When a 1 or a 0 is used, it's called an int Boolean. Write a PHP script that stores an int Boolean and outputs its opposite
    (1 becomes 0 and 0 becomes 1).

19- Write a PHP script that stores a word and determines Is the Word is Singular or Plural? (A plural word is one that ends in "s".)

20- Make a calculator with these operations using **if and else if**
    o Submission
    o Subtraction
    o Multiplication
    o Division
    o Power
    o Modulus