PHP | DAY 2 | CLASSWORK

Basic Exercises

Exercise 1

Create a PHP script which will accept two parameters from the form (name and surname). The user must insert name and surname into the form to get the output: "Welcome Name Surname!" otherwise you will output the message: please insert your name, or please insert your surname.

Exercise 2

Create a function which takes two integer parameters - divide them and output the result on the screen.

Exercise 3

Make a function that will accept 3 parameters, which are the grades from Math, Physics and English. then make the calculation and print them on the screen. Make sure that the variables are numbers.

E.g. If you put the following grades 3, 4, 5 the result should be:

Sum:12

Average: 4

Exercise 4

Create a function that calculates the area and volume of a box.

Formulas:

area = width x height

volume = width x height x depth

Pass three different numbers as arguments and get calculated results using the return statement.

You should get the following results:

The area of the box is: 14

The volume of the box is: 70

Exercise 5

Create a function that will return the number of minutes, in hours and minutes. The function should accept only one argument.

E.g. If we call the function and pass the number of minutes 200 we should get the message "200 minutes = 3 hour(s) and 20 minute(s)."

Exercise 6

Create a form with input fields for your firstname, lastname and age. Extract the values from each input field and display them all in a separate div. Use the POST method.

If the length of your name is larger than 5 characters, change the text colour to green. Otherwise, change the text-colour to red.Now extend with adding a new input field "hobbies".

Advanced Exercises

Functions:

1- Create a function that can convert °F in °C and show the result on the screen.

2- You can play with the results creating conditionals and showing on the screen a different img and message depending on the temp:

From 0°C to 5°C: Very cold

From 6°C to 10°C: Cold

From 11°C to 15°C: Pleasant

From 16°C to 20°C: Warm

Above 21°C: Hot

Use Bootstrap to show your results on the screen.

Happy Coding :-)