Exercises Data Types

Exercise 1: Personal information

Create two variables ('x', 'y') add them, and multiply it by 5. Assign the output to a new variable 'z'.

(Expected output   ->   The total is (z).

Exercise 2: Value added tax

Create two variables '**price**' and '**vat**'. Create a new variable '*totalPrice*' and calculate the vat on the price and print out the price, vat and total price.

(Expected output->   Price: '*price*'

                              Vat: '*vat*'

                              Total price: '*totalPrice*'

Exercise 3: Average

Create three variables '*x*', '*y*', '*z*' and calculate the average '**average**' of the numbers and print it out on the screen. Be aware that the average is a decimal number, so use a function number_format in PHP. (Read more about number_format right here).

*(Expected output->   The average is '**average**'*

Exercise 4: Countries and capitals

Create an array '*countries*' that displays 5 countries and the capital names.

(Expected output   ->   The capital of Netherlands is Amsterdam

*   The capital of Germany is Berlin*

*   The capital of Thailand is Bangkok).*

Exercise 5: Centimeters to inches

Create an integer '*cmToInch*' that converts a number of centimeters '*cm*' to inches '*inch*'. (tip: 1 centimeter is equivalent to 0,39 inch).

*(Expected output->   (**cm**) centimeters is (**inch**) inches.*

Exercise 6: Expenses

Create an array '*expenses*' with your biggest expenses of the month. Loop through the array and add the expenses in an integer '*totalAmount*'. Finally, display the total expenses that you had and the amount of values '*amountOfExpenses*' you had stored inside of your array.

*(Expected output->   My (**amountOfExpenses**) biggest expenses were (**totalamount**)*

Exercise 7: Weather conditions

Create an array '*weather*' of weather conditions with the following values: rain, sunshine, clouds, hail, sleet, snow, wind. Using the array variable for all the weather conditions, echo the following statement to the browser:

We've seen all kinds of weather this month. At the beginning of the month, we had snow and wind. Then came sunshine with a few clouds and some rain. At least we didn't get any hail or sleet.