

Workshop 15: PHP - Functions

Brainster Web Development Academy



Exercise 1

2

Create a function that would print all **prime numbers** from 1 to 50



Exercise 2

3

Create a function that checks if a letter is **consonant** or **vowel**.

Use SWITCH statement.



Exercise 3

- 4 Create a function that calculates the **perimeter** and **area** of a **rectangle**.



Exercise 4

Create a function **that generates a string** with random characters.

The function should accept an argument (number), from which it will know the length of the string that it should print.

5

The function should use the following expression: `randomString($num)`, and it should generate a random set of characters from a to z.



Exercise 5

- 6 Create a function that prints **first n** numbers from Fibonacci Sequence.



Exercise 6

Create a function with one argument. The function should **check** if the argument is a **number**, a **letter** or a **special character**.

- If the value of the argument is a special character, the function should return: "I can't work with this!".
- If the value of the argument is a number, it should call the function described in **exercise 4**.
- If value of the argument is character, it should call the function described in **exercise 2**.
- All functions should be non void (they should return value)



Exercise 7

8

Create an array with keys and values (associative array), where the **keys** represent people **names** and **values** represent people's **age**.

Print the name and age of **the youngest** person in the array.



Exercise 8

Create a function with that will accept one argument, for example: \$numberOfDays.

- 9 The function should **calculate** the number of **years**, **weeks** and **days**.

Consider that every year has 365 days.



Exercise 9

10

Create a function that calculates **duration** between **two dates**. The returned value should be the number of days between these two dates.

Example: `diffInDates("2018-07-01", "2018-07-14") => 13 days`



Break a leg!

- 11 If you haven't finished all three exercises, please try to finish them at home.

