SYNTAX, FUNCTIONS AND STATEMENTS

1. Overview

* One of the most popular programming languages used today
* High-level programming language
* One of core technologies of the World Wide Web
* Enables interactive web pages and applications as well as server-side apps
* Can be executed on the server and on the client (browser)
* It uses C-like syntax (curly-brackets, identifiers, operators)
* It is multiparadigm language – imperative, functional, OOP
* Dynamic programming language – the interpreter runs the code at run time without the compilation process used in static languages (C#, Java..). Changes to the variables type, adding properties and methods to an object are possible while program is running.

1. Node.JS

* Technology which enables to write server apps with JS
* NPM package manager

1. Data types and variables
2. Identifiers
3. Functions and arrow functions

* Function declaration
* Function expression
* Arrow functions
* Function inside an object – method

1. Operators – ternary operator
2. Truthy and falsy values
3. Logical operators
4. Arrays

* Spread operator - “…params” in function parameters adds all the given parameters to an array

1. For and while loops
2. Hoisting -