

Module Assignment 3

Javascript 1 - Level 2 process

Waqar Rana

1. In your own words, describe what JavaScript Code Style is?

Javascript code style is a way to write code. many developers have different types of style when it comes to writing code. Some people write very concise and clean code, in comparison to some who write unreadable and bad code.

2. What is a Regular Expression?

Regular expressions in Javascript are patterns that can be used on strings. It is used to detect specific types of patterns on strings. For example, regular expressions are often used in the forms that are displayed on the internet where you should type in email addresses. So that they can identify if this is an email or if its a number.

3. What does the .random() method do?

The .random() method is used to return any random number between 0 and 1. Included 0 and 1.

4. What does the .sort() method do?

The .sort() method sorts the items in an array and returns the sorted out array.

5. What does the .reverse() method do?

The .reverse() method reverses the order of the elements in an array.

6. List two examples of bad JavaScript code.

First example of bad javascript code is `if('4' == 4) return true;` Here you will not get an accurate test of your variables. If we rather use the triple equals sign, it will test the data and value accurately.

Second example is of writing bad javascript code is for example writing three or two variables after each other:

```
var Hello = "Hi"; var Bye = "Goodbye" var seeYou; = "See you again";
```

They should rather be written downwards to achieve highest readability of the code.

7. What data types can a JSON object contain?

JSON object can contain of the following data types.

A number

An array

A string

A boolean

null

Also can contain an object within (json object.)

8. What is minifying JavaScript Code?

Minifying javascript code means to reduce unnecessary data without affecting how the resource is processed by the browser where the code is run. Doing this can result in improving site loading speed and accessibility. Which will lead to achieving better user experience.

9. What is a global variable?

A global variable is a variable declared outside a function. Meaning that you can access it from it easily.