DWA_02.8 Knowledge Check_DWA2

_____

1. What do ES5, ES6 and ES2015 mean - and what are the differences between them?

*ES5 Stands for ECMAScript 5, which is the fifth edition of the ECMAScript standard

*ES6 stands for ECMAScript 6 which is also known as ECMAScript 2015. It is the sixth edition of the ECMAScript standard.

*The primary difference between the two is that in the ES6 there are a number of new features introduced and the ES6 introduced more modern and concise syntax making JavaScript code more readable and expressive .

_____

2. What are JScript, ActionScript and ECMAScript - and how do they relate to JavaScript?

*JScript is a dialect of ECMAScript and was Microsoft's implementation of the ECMAScript standard in internet explorer . It was used in an early version of internet explorer for scripting purposes and shares similarities with JavaScript .

*ActionScript is a scripting language developed by adobe systems and used primarily in adobe flash to add interactivity and animation to flash content. It is based on ECMAScript and its syntax is similar to JavaScript .

*ECMAScript is the standardized scripting language specification that serves as the foundation for JavaScript , JScript and ActionScript . It defines the syntax and features that these languages should implement to ensure compatibility and interoperability .

_____

3. What is an example of a JavaScript specification - and where can you find it?

An example of JavaScript specification is the ECMAScript language Specification ,it is the official document that defines the EMCAScript standard and it feature ,syntax and behavior,

You can find the JavaScript specification on its official ECMAScript website .

_____

4. What are v8, SpiderMonkey, Chakra and Tamarin? Do they run JavaScript differently?

*V8 is an open source JavaScript engine developed by Google . It is used in Google Chrome and other Chromium based browsers to execute JavaScript code .

*Spider Monkey is the original JavaScript engine developed by Brendan Eich for Netscape Navigator which was one of the first web browsers to support JavaScript .It is used now on Mozilla Firefox .

*Chakra was the JavaScript engine developed by Microsoft for internet explorer and Microsoft Edge browsers .It was later replaced by the ChakraCore engine in EdgeHTML based browsers .

*Tamarin was a JavaScript engine developed by Adobe for their flash player and ActionScript .

---

5. Show a practical example using **caniuse.com** and the MDN compatibility table.

CSS Flexible Box Layout Module - CR

Method of positioning elements in horizontal or vertical stacks. Support includes all properties prefixed with `flex`, as well as `display: flex`, `display: inline-flex`, `align-content`, `align-items`, `align-self`, `justify-content` and `order`.