DWA_02.8 Knowledge Check_DWA2

_____

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

1. ES5- is introduced significant enhancement to JavaScript compared to its predecessor, it introduced new features like strict mode, JSON support and Native Arrey to improve error handling with try catch finally
2. ES6 (ECMAScript 2015) is a major update for JavaScript introduced features and syntax improvements, examples classes and modules
3. ES2015: It is equivalent to ES6, it is simply

_____

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

1. JScript: is a scripting language developed by Microsoft. It is largely compatible with JavaScript, with some minor differences and additional features specific to MicroSoft. RELATIONSHIP: it shares a common foundation with JavaScript and supports many of the same languages, features and syntax.
2. ActionScript: is a scripting language used primarily in ADOBE FLASH and ADOBE AIR platforms for creating rich multimedia and interactive applications. RELATIONSHIP: ActionScript and JavaScript are both derived from the ECMASCRIPT specification, so they share many similarities in terms of language concept and syntax.
3. ECMAScript: is a standardized scripting language specification developed by ECMA international. It serves as the foundation for JavaScript and other scripting languages that implement the specification.

_____

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

1. ECMAScript

2. Example: syntax, semantics and features of the JavaScript.

_____

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

1. V8: is an open-source JavaScript engine developed by google
2. SpiderMonkey: is the original JavaScript engine developed by Mozilla
3. Chakra: also known as ChakraCore is a JavaScript engine developed by microsoft
4. Tamarin: was a JavaScript engine developed by Adobe Systems.

_____

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

_____