DWA_02.8 Knowledge Check_DWA2

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

- ES5 - short for ECMAScript 5, is the fifth edition of the ECMAScript standard published in December 2009.
- ES6, also known as ECMAScript 2015 - is the sixth edition of the ECMAScript standard published in December 2015.
- The difference between them is in the features they introduced. ES6/ES2015 brought more modern programming capabilities compared to ES5.

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

- Jscript - is Microsoft's version of JavaScript and it was developed for use mainly in Internet Explorer.
- ActionScript - is a scripting language developed by Macromedia Flash.
- ECMAScript - is a scripting language standard that JavaScript is based on.

    JavaScript, JScript, and ActionScript are all scripting languages and implementations of ECMAScript standardized scripting language specification.
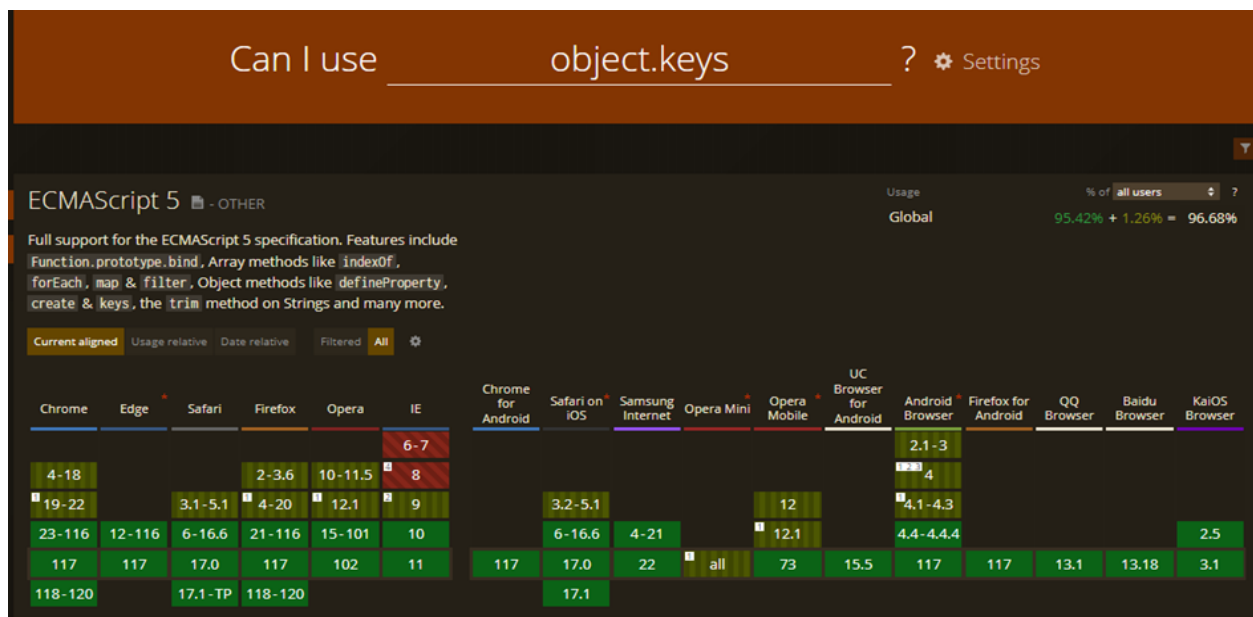
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3. What is an example of a JavaScript specification - and where can you find it?

- An example of a JavaScript specification is the ECMAScript Language Specification. You can find it on their website: https://www.ecma-international.org/publications-and-standards/standards/ecma-262/.

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

- They are all JavaScript compilers, developed by different companies but they all aim to execute JavaScript code based on the ECMAScript standard.

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

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