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?

They specify the different versions of ECMAScript which is the official name of the Javascript language with the numbers showing the different years they were released. ES5 was released in 2009. ES6 and ES2015 was released in 2015

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

JScript is a scripting language created by Microsoft.

ActionScript is another implementation of ECMAScript, primarily used for developing applications and animations

ECMAScript is the standard specification for scripting languages. It sets the rules and guidelines and Javascript follows them.

All the above mentioned languages are implementations or derivatives from the ECMAScript standard.

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

Single-line comments. The should always start with //

Ecma International Website

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

They are Javascript engines

Each of the engines have their own unique feature, optimizations and performance characteristics which can result in different behavior when executing the Javascript code.

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

Array.prototype.find

Browser compatibility

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	Chrome	Edge	Firefox	Opera	Safari	Chrome Android	Firefox for Android	Opera Android	Safari on iOS	Samsung Internet	WebView Android	Deno	Node.js
find	✓ 45	✓ 12	✓ 25	✓ 32	✓ 8	✓ 45	✓ 4	✓ 32	✓ 8	✓ 5.0	✓ 45	✓ 1.0	✓ 4.0.0