Oefenopgaven Essential JavaScript Principles and Practices 1

Which of the following statements is NOT true of JavaScript?

A. JavaScript is only a client-side scripting language.

B. JavaScript is case-sensitive.

C. JavaScript is event-driven.

D. JavaScript is platform-independent.

Which of the following statements distinguishes a programming language from a scripting language?

A. Programming languages are compiled, whereas scripting languages are interpreted.

B. Programming languages are developed by private organizations, whereas scripting languages are open-source.

C. Programming languages are object-based, whereas scripting languages are object-oriented.

D. Programming languages are subsets of scripting languages and are interpreted.

Consider the following code:

```
<html>
<head>
</head>
<noscript>This page requires JavaScript for full functionality
<script type="text/javascript">
  function fn() {
  alert("HI");
  }
</script>
</noscript>
<button value="Test" onclick="fn();">Test</button>
</body>
</html>
```

Linda just learned about the **<noscript>** tag and has decided to test it in this simple script. When she runs this script in her browser and clicks on the 'Test' button, no action is being performed. What mistake has she made?

A. The script was not written in the <head> section of the webpage.

B. The script was written inside the <noscript> tag.

C. The script was not enclosed in the comments.

D. JavaScript can only be run from external files.

Vraag 4 van 22

Which of the following companies originally developed JavaScript?

A. Netscape Communications.

B. Sun Microsystems.

C. Microsoft Corporation.

D. World Wide Web Consortium (W3C).

Vraag 5 van 22

Which of the following technologies is NOT based on JavaScript?

A. JAVA.

B. React.

C. jQuery.

D. ECMAScript.

Vraag 6 van 22

Which of the following statements is NOT true of jQuery?

A. It eliminates cross-browser incompatibilities.

B. It focuses on server-side scripting.

C. It simplifies the syntax of DOM manipulation.

D. It is open-source.

Vraag 7 van 22

What was server-side JavaScript (SSJS) originally called?

A. Perl.

B. AJAX.

C. JScript.

D. LiveWire.

Which of the following languages is NOT a scripting language?

A. jQuery.

B. Perl.

C. JAVA.

D. PHP.

Which of the following statements is true of JavaScript?

A. JavaScript is now called JScript because of trademark issues with using the name Java.

B. LiveScript is the standardized ECMA specification of JavaScript.

C. JavaScript and Java are unrelated, the similarity in names is just a marketing tactic.

D. Mocha is another flavor of JavaScript.

Which of the following is used to add multiline comments in JavaScript?

A. /* */

B. /

C. <!-- ... -->

Why should comments be included within JavaScript code blocks?

A. Because comments provide a way to indicate the intent of the code.

B. Because comments are required for each JavaScript code block.

C. Because comments provide accessibility in browsers for the visually impaired.

D. Because comments deactivate all JavaScript code during debugging.

Which technology is NOT a server-side scripting environment?

A. jQuery.

B. PHP.

C. Node.js.

D. SSJS.

Vraag 13 van 22

What makes a scripting language different from a programming language?

A. Scripting languages are web-based, while programming languages are not.

B. Scripting languages are interpreted, while programming languages are compiled.

C. Scripting languages are based on UNIX, while programming languages are based on Window.

D. Scripting languages are based on Windows, while programming languages are based on UNIX.

Vraag 14 van 22

Which of the following technologies enables server-side scripting using JavaScript?

A. Java.

B. React.

C. Node.js.

D. C++.

Vraag 15 van 22

Which JavaScript 'flavor' attempts to diminish the differences between other JavaScript flavors and standardize the language?

A. JScript.

B. VBScript.

C. JavaScript.

D. ECMAScript.

Vraag 16 van 22

Which of the following is NOT a feature of JavaScript?

A. Platform-independent.

B. Case-sensitive.

C. Compiled language.

D. Object-oriented.

Vraag 17 van 22

What type of a language is HTML?

A. Markup language.

B. Scripting language.

C. Programming language.

D. Semantic language.

Vraag 18 van 22

What is Microsoft's implementation of JavaScript called?

A. JScript.

B. JavaScript.

C. ECMAScript.

D. MScript.

Vraag 19 van 22

Which of the following terms identifies the attributes that define the characteristics of an object?

A. Value.

B. Method.

C. Function.

D. Property.

Vraag 20 van 22

Which of the following languages has JavaScript least in common with?

A. Mocha.

B. JScript.

C. ECMAScript.

D. VBScript.

Vraag 21 van 22

You created a webpage containing a form for users to join your company's mailing list. You need to validate user input with the minimum amount of bandwidth. Which technology should you use in the given scenario?

A. Perl.

B. PHP.

C. Client-side JavaScript.

D. Server-side JavaScript.

Vraag 22 van 22

Which of the following best describes an object-oriented program?

A. A collection of individual objects that perform different functions.

B. A sequence of statements that collectively perform a specific task.

C. A network of objects logically connected to one another that perform a series of tasks.

D. A collection of objects that perform specific functions in a sequential order.