

## Oefenopgaven Intermediate JavaScript Programming Techniques 1

### Vraag 1 van 19

Which type of error is difficult to debug?

- ☒ A. Logic.
- ☐ B. Run-time.
- ☐ C. Load-time.
- ☐ D. Syntax.

### Vraag 2 van 19

Consider the following code block:

```
var a = "10", b = 20;  
    document.write( a + b );
```

What will be the output of the given code block?

- ☐ A. 10
- ☐ B. 30
- ☒ C. 1020
- ☐ D. 2010

### Vraag 3 van 19

Which type of error are you most likely to debug using watchpoints?

- ☒ A. Logic.
- ☐ B. Syntax.
- ☐ C. Run-time.
- ☐ D. Load-time.

### Vraag 4 van 19

What are typical watchpoints in JavaScript?

- ☐ A. Named code blocks.
- ☐ B. Commented code blocks.
- ☐ C. Position markers.
- ☒ D. alert() methods.

**Vraag 5 van 19**

Which of the following requires additional testing of the code and also helps to develop customized pages for different display sizes and methods of interaction?

- A. Mobile device.
- B. Monitor resolution.
- C. Video card quality.
- D. Browser version.

**Vraag 6 van 19**

Which type of error occurs after the script has loaded and is running?

- A. Run-time.
- B. Load-time.
- C. Logic.
- D. Interpreter.

**Vraag 7 van 19**

You work for a mid-size company with a large web site that has a very wide customer base. Which is the best method for testing your JavaScript code for this site?

- A. Test in various versions of the most popular browser.
- B. Test in various browsers, versions and operating systems.
- C. Test in various browsers, including various versions of the same browser.
- D. Determine the most frequently used browsers for your target audience, and test in those browsers.

**Vraag 8 van 19**

What is a bug in the JavaScript code?

- A. A problem in a user's browser.
- B. An error in the code.
- C. An alert message.
- D. A watchpoint.

**Vraag 9 van 19**

The browsers in mobile devices perform differently because they are optimized for:

- A. small display monitors and touch screens.
- B. the Apple iOS operating system.
- C. the Google Chrome browser platform.
- D. inconsistent Internet connections and battery power consumption.

**Vraag 10 van 19**

Which type of error causes no error alert in the browser?

- A.** Logic.
- B. Interpreter.
- C. Load-time.
- D. Run-time.

**Vraag 11 van 19**

Identify the type of error in the following code block (if any):

```
document.write("Heard of the Higgs Boson?";
```

- A. Run-time.
- B. Load-time.**
- C. Logical.
- D. There is no error in the code block.

**Vraag 12 van 19**

Which type of error is typically a syntax error?

- A.** Load-time.
- B. Mathematical.
- C. Logic.
- D. Run-time.

**Vraag 13 van 19**

Why is it generally easier to debug run-time and load-time errors than to debug logic errors?

- A.** Because logic errors are rarely caught by debugging tools.
- B. Because logic errors cause error alerts.
- C. Because syntax errors are rarely caught by debugging tools.
- D. Because run-time and load-time errors prevent the script from rendering at all.

**Vraag 14 van 19**

You should always test your script on as many browsers as possible, and using as many resolutions as feasible. But at a minimum, you should test your webpages:

- A.** on Internet Explorer, Firefox, Chrome, and Safari.
- B. on Microsoft Internet Explorer.
- C. on Microsoft Internet Explorer and Mozilla Firefox.
- D. on Mozilla Firefox and Google Chrome.

Oude vraag; zou Edge moeten zijn en geen IE!

**Vraag 15 van 19**

Which type of error is typically caused by improper use of commands and usually causes an error alert?

- A.** Run-time.
- B. Load-time.
- C. Compiler.
- D. Logic.

**Vraag 16 van 19**

In programming, what term is used for the process of troubleshooting and repairing code that does not work properly?

- A.** Debugging.
- B. Interpreting.
- C. Compiling.
- D. Testing.

**Vraag 17 van 19**

Identify the type of error in the following code snippet (if any):

```
document.writeln("JavaScript code has hidden errors!");
```

- A.** Run-time.
- B. Load-time.
- C. Logical.
- D. There is no error in the code block.

**Vraag 18 van 19**

In JavaScript, what is a typical watchpoint?

- A.** An alert() method.
- B. A logic error.
- C. An infinite loop.
- D. A syntax error.

**Vraag 19 van 19**

Which of the following is a tool that is used to help find errors in JavaScript code?

- A. Compiler.
- B.** Debugger.
- C. Interpreter.
- D. Script library.