

Chapter 4 Practice Quiz - Test your reading!

Due No due date	Points 31	Questions 31
Time Limit None	Allowed Attempts Unlimited	

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Attempt History

	Attempt	Time	Score
KEPT	Attempt 2	7 minutes	31 out of 31
LATEST	Attempt 2	7 minutes	31 out of 31
	Attempt 1	23 minutes	28.8 out of 31

Submitted Sep 18 at 11:43am

Question 1

1 / 1 pts

Each time a program calls a procedure, the procedure is added to the top of the call stack, and then removed after it finishes executing.

Correct!

☒ True

☐ False

Question 2

1 / 1 pts

Syntax refers to the order in which various parts of a program run, or execute.

Correct!☐ True☒ False**Question 3****1 / 1 pts**

For each error encountered, a browser's console displays a line number and a description of the error.

Correct!☒ True☐ False**Question 4****1 / 1 pts**

You log values to the console using the `window.alert()` method.

Correct!☐ True☒ False**Question 5****1 / 1 pts**

A breakpoint is a designation added to a specific statement in a program that causes program execution to pause when it reaches that statement.

Correct!☒ True

- ☐ False

Question 6**1 / 1 pts**

A ____ error occurs when the interpreter fails to recognize code.

- ☐ logic
- ☒ syntax
- ☐ web
- ☐ run-time

Correct!**Question 7****1 / 1 pts**

A ____ error occurs when the JavaScript interpreter encounters a problem while a program is executing.

- ☒ run-time
- ☐ syntax
- ☐ logic
- ☐ browser

Correct!**Question 8****1 / 1 pts**

A ____ error is a flaw in a program's design that prevents the program from running as you anticipate.

- ☐ compile-time
- ☐ syntax
- ☒ logic
- ☐ run-time

Correct!

Question 9

1 / 1 pts

When using the `console.log()` method to trace bugs, it can be helpful to use a ____ program.

- ☐ script
- ☐ hub
- ☐ tracing
- ☒ driver

Correct!

Question 10

1 / 1 pts

The ____ is the ordered list maintained by a JavaScript processor containing all the procedures that have been called but have not yet finished processing.

- ☐ call queue

Correct!

- ☐ call heap
- ☒ call stack
- ☐ methods list

Question 11**1 / 1 pts**

_____ allows programs to handle errors as they occur in the execution of a program.

- ☐ Error coding
- ☐ Form validation
- ☐ Input validation
- ☒ Exception handling

Correct!**Question 12****1 / 1 pts**

You enclose code that may contain an exception in a _____ statement.

- ☐ throw
- ☐ catch
- ☐ throws
- ☒ try

Correct!

Question 13**1 / 1 pts**

You use a ____ statement within a `try` block to specify an error message.

☐ `catch`☐ `call`☒ `throw`☐ `throws`**Correct!****Question 14****1 / 1 pts**

After you throw an error, you use a ____ statement to handle the error.

☐ `try`☒ `catch`☐ `handle`☐ `capture`**Correct!****Question 15****1 / 1 pts**

The rules of a programming language are known as its ____.

Correct!

- ☐ logic
- ☒ syntax
- ☐ call stack
- ☐ console

Question 16**1 / 1 pts**

A program's ____ is the order in which various parts of the program run, or execute.

Correct!

- ☒ logic
- ☐ syntax
- ☐ call stack
- ☐ console

Question 17**1 / 1 pts**

The `console.log()` debugging method results in messages ____.

Correct!

- ☐ written to the text of the document being debugged
- ☐ displayed in dialog boxes
- ☒ displayed in the browser console
- ☐ available only to the JavaScript processor

Question 18**1 / 1 pts**

The `window.alert()` debugging method results in messages ____.

- ☐ written to the text of the document being debugged
- ☒ displayed in dialog boxes
- ☐ displayed in the browser console
- ☐ available only to the JavaScript processor

Correct!**Question 19****1 / 1 pts**

The debugging tools built into modern browsers are especially useful in tracking down ____.

- ☐ compile-time errors
- ☐ syntax errors
- ☐ run-time errors
- ☒ logic errors

Correct!**Question 20****1 / 1 pts**

_____ is the temporary suspension of program execution so you can monitor values and trace program execution.

- ☐ The call stack
- ☒ Break mode
- ☐ Debugging
- ☐ Tracing

Correct!

Question 21

1 / 1 pts

After you evaluate code for exceptions, you can use a _____ statement to perform cleanup or necessary tasks.

- ☐ try
- ☐ throw
- ☐ catch
- ☒ finally

Correct!

Question 22

1 / 1 pts

Which of the following JavaScript statements works like a breakpoint?

- ☐ break;

Correct!

- ☐ `"use strict";`
- ☒ `debugger;`
- ☐ `console.log();`

Question 23**1 / 1 pts**

Which of the following JavaScript statements requests that processors remove some features from the language and require more stringent syntax for other features?

Correct!

- ☐ `break;`
- ☒ `"use strict";`
- ☐ `debugger;`
- ☐ `console.log();`

Question 24**1 / 1 pts**

An infinite loop is an example of a(n) ____ error.

- ☐ syntax
- ☐ run-time
- ☒ logic
- ☐ user

Correct!

Question 25

1 / 1 pts

Writing values directly to the console is known as ____.

- ☒ logging
- ☐ writing
- ☐ stepping out
- ☐ breaking

Correct!

Question 26

1 / 1 pts

_____ is the examination of individual statements in an executing program.

Tracing

Correct!

Incorrect Answers

Tracing

Question 27**1 / 1 pts**

The term _____ refers to the temporary suspension of program execution so that you can monitor values and trace program execution.

Correct!**Incorrect Answers**

break mode

Question 28**1 / 1 pts**

You implement custom error handling using the _____ event.

Correct!**Incorrect Answers**

error

onerror

Question 29**1 / 1 pts**

In _____ mode, some features are removed from the language, while other features require more stringent syntax.

Correct!

Incorrect Answers

strict

Question 30**1 / 1 pts**

_____ is the process of tracing and resolving errors in a program.

Correct!

Debugging

Incorrect Answers

Debugging

Question 31**1 / 1 pts**

Match each item with a statement below:

Correct!

A list of expressions whose values are displayed and updated throughout the execution of a program

watch list

Correct!

A statement in the code at which program execution enters break mode

breakpoint

Correct!

Displays a value in a dialog box

window.alert()

Correct!

Displays all local variables within the currently executing function, regardless of whether they have been initialized

variables list

Correct!

	Identifying lines you think maybe causing problems and transforming them into comments	<div>commenting out</div>
Correct!	Any error in a program that causes it to function incorrectly	<div>bug</div>
Correct!	Writing code that anticipates and handles potential problems	<div>bulletproofing</div>
Correct!	Caused by incorrect use of JavaScript code or references to objects, methods, and variables that do not exist	<div>syntax errors</div>
Correct!	The first line of defense in locating bugs in JavaScript programs	<div>error messages</div>
Correct!	A JavaScript program that contains only the code you are testing	<div>driver program</div>