✓ **Congratulations! You passed!**
TO PASS 60% or higher

Keep Learning

GRADE
100%

Graded Quiz

LATEST SUBMISSION GRADE

100%

1. What quality makes it possible for you to run JavaScript applications without compiling?

   `1 / 1 point`

   ⦿ JavaScript is an interpreted language.

   ○ All modern browsers support JavaScript.

   ○ The language syntax resembles Java.

   ○ You can use a text editor to develop JavaScript applications.

   > ✓ **Correct**
   >
   > JavaScript is an interpreted language, and you do not need to compile JavaScript applications before running them.

2. True or false: With client-side JavaScript, Node.js applications process and route web service requests from the client.

   `1 / 1 point`

   ○ True

   ⦿ False

   > ✓ **Correct**
   >
   > With server-side JavaScript, Node.js applications process and route web service requests from the client.

3. Which of the following applications intercepts the call when JavaScript sends a web service request to the Node.js server?

   `1 / 1 point`

   ○ JSON

   ○ CSS

   ⦿ REST Web Service

   ○ Enterprise Java

   > ✓ **Correct**
   >
   > On the server, a Representational State Transfer (REST) web service intercepts the call.

4. What is the best description of Node.js?

   `1 / 1 point`

   ○ A package for a script file that corresponds to a module

   ○ A multithreaded application environment that handles operations through events

   ⦿ A server-side programming framework that uses JavaScript as its programming language

   ○ A simple web server that listens to HTTP requests and returns HTTP response messages

   > ✓ **Correct**
   >
   > Node.js is a server-side programming framework that uses JavaScript as its programming language.

5. How do you handle operation results with Node.js?

   `1 / 1 point`

   ⦿ Write callback functions to handle results when the operations complete

   ○ Create an instance of a web server application

   ○ Specify a relative path to the Node.js script from the module directory

   ○ Use blocking on asynchronous I/O operations

   > ✓ **Correct**
   >
   > Instead of blocking on I/O operations, you write asynchronous callback functions to handle results when they complete.

6. What do you use the http.createServer function for?

   `1 / 1 point`

○ To create an instance of a web server

○ To import a Node.js module

○ To specify a main script for your module

○ To develop an anonymous function to handle requests and responses

✓ **Correct**

You use the http.createServer function to create an instance of a web server application.

7. What is the correspondence between a Node.js module and a script file?   **1 / 1 point**

○ None

● 1:1

○ 4:1

○ 2:1

✓ **Correct**

Every JavaScript file is a module in Node.js, and a module corresponds to a script file.

8. What do you use the require function for?   **1 / 1 point**

● To import a Node.js module

○ To develop an anonymous function to handle requests and responses

○ To specify a main script for your module

○ To create an instance of a web server

✓ **Correct**

You can use the require function to import a Node.js module.

9. What does adding a property to the implicit exports object do?   **1 / 1 point**

○ An anonymous function is blocked on the Node.js server.

○ A function returns an object that represents an instance of your module.

● A function becomes available to Node.js applications that import your module.

○ A function returns details about your module.

✓ **Correct**

To make a function or a value available to Node.js applications that import your module, you add a property to exports.

10. What happens when a module does not have a package.json file?   **1 / 1 point**

● Node.js assumes that the main class is named index.js.

○ There is no module manifest.

○ The require statement assumes that scripts have a file extension of js.

○ The relative path to the Node.js script changes to an absolute path from the module directory.

✓ **Correct**

If a module does not have a package.json file, Node.js assumes that the main class is named index.js.