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IBM CAD220EN
Back-end Application Development with Node.js and Express

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Module 3 Graded Quiz

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Graded Quiz due Dec 16, 2023 22:09 IST   Completed

Question 1

1/1 point (graded)
The Node.js framework doesn't provide many features for building web apps. What do developers rely on to extend Node.js features?

- ( ) Timely updates

- ( ) JSON

- (●) External libraries and packages

- ( ) JavaScript

✔

Answer
Correct: Developers rely on external libraries and packages to extend the core Node.js functionality.

[Submit]   You have used 2 of 2 attempts

Question 2

1/1 point (graded)
One disadvantage of manual parsing is that string matching ignores the XML data structure. However, depending on XML data complexity, string matching might be more efficient than what?

- ( ) No alternative; string matching is never more efficient.

- ( ) An XML root element

- (●) An XML tree of the data

- ( ) An XML attribute structure

✔

Answer
Correct: String matching might be more efficient than building an XML tree of the data.

[Submit]   You have used 1 of 2 attempts

Question 3

1/1 point (graded)
Which Node.js package can parse a string of XML elements into a JavaScript object?

- ( ) XML-JS

- ( ) Express.js

- (●) xml2js

- ( ) Async.js

✓

Answer
Correct: The xml2js Node.js package parses a string of XML elements into a JavaScript object.

Submit   You have used 1 of 2 attempts

Question 4

1/1 point (graded)
Which web application framework is based on the Node.js runtime environment?

- ◯ Async.js

- ◯ XML-JS

- ⦿ Express

- ◯ JSON

✓

Answer
Correct: Express is a web application framework based on the Node.js runtime environment.

Submit   You have used 1 of 2 attempts

Question 5

1/1 point (graded)
The Node.js framework treats HTTP requests at a lower network level. In contrast, Express implements an app class for what purpose?

- ◯ Lookup web services

- ◯ Access a URL

- ⦿ Map to a web resource path

- ◯ Parse through a network path

✓

Answer
Correct: Express implements an app class that you map to a web resource path.

Submit   You have used 1 of 2 attempts

Question 6

1/1 point (graded)
What do you call to create a web server object to listen for incoming requests on a port?

- ◯ http.view

- ◯ app.request

- ⦿ app.listen

○ app.listen

○ http.name

✔

Answer
Correct:
You call app.listen to create a web server object that listens to incoming requests on the specified port.

Submit   You have used 1 of 2 attempts

Question 7

1/1 point (graded)
Which of the following kind of task is middleware most useful for?

○ Routing

◉ Error handling

○ Performing large calculations

○ Parsing strings

✔

Answer
Correct: Middleware is helpful to handle errors.

Submit   You have used 2 of 2 attempts

Question 8

1/1 point (graded)
Which type of authentication is widely used for password recovery by providing a magic link to the user?

◉ Passwordless

○ Token-based

○ Single Sign On

○ Session-based

✔

Answer
Correct: Passwordless authentication is widely used for password recovery.

Submit   You have used 2 of 2 attempts

Question 9

1/1 point (graded)
Which statement regarding the jsonwebtoken.verify() method is true?

○ It is used to return an HTTP status code.

⦿ It is used to verify a JSON web token.

○ It is used to return a response.

○ It is used to generate a JSON web token.

✔

Answer
Correct: The jsonwebtoken.verify() method is used to verify a JSON web token.

Submit   You have used 1 of 2 attempts

Question 10

1/1 point (graded)
Which library and module are suited for black-box testing REST APIs?

○ Koa/SuperTest

⦿ Mocha/SuperTest

○ Express/TestAPI

○ Postman/TestAPI

✔

Answer
Correct:
The Mocha library has a module called SuperTest which can help you black-box test REST APIs.

Submit   You have used 1 of 2 attempts

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