

mcq-full-stack-dev-18-mar-2023

Total points 7/25



Upskill India Jan 2023 Program.

0 of 0 points

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aa

I swear on my country (motherland), I swear on my mother tongue, I swear on my family, that I will take this test sincerely and honestly. *



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☒ I SWEAR.

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aa

7 of 25 points

✗ What is the purpose of the `async/await` syntax in the `index.ts` file?

0/1

- ☒ To handle errors in the API ✗
- ☐ To define the middleware functions for the API
- ☐ To define the routes for the API
- ☐ To handle asynchronous operations in a synchronous manner

Correct answer

- ☒ To handle asynchronous operations in a synchronous manner

✓ Which method of `MatDialog` returns a reference to the dialog that was opened?

1/1

- ☒ `open()` ✓
- ☐ `close()`
- ☐ `afterClosed()`
- ☐ `beforeClosed()`



0/1

Which of the following Angular modules needs to be imported to use MatDialog?

☒ BrowserAnimationsModule



☐ MatDialogModule

☐ HttpClientModule

☐ FormsModule

Correct answer

☒ MatDialogModule



0/1

What is the purpose of the router object in the index.ts file?

☒ To define the middleware functions for the API



☐ To handle errors in the API

☐ To define the routes for the API

☐ To define the database schema

Correct answer

☒ To define the routes for the API

✓ Which module in Node.js can be used to implement the Controller component in the MVC pattern? 1/1

- ☒ express ✓
- ☐ mongodb
- ☐ body-parser
- ☐ None of the above

✗ What is the HTTP status code for "No Content"? 0/1

- ☒ 200 ✗
- ☐ 201
- ☐ 204
- ☐ 401

Correct answer

- ☒ 204


✓ What is the purpose of the body-parser middleware in the index.ts file? 1/1

- ☒ To parse the request body and make it available on the req.body object ✓
- ☐ To authenticate the incoming requests
- ☐ To define the routes for the API
- ☐ To handle errors in the API



0/1

What is the main advantage of using the MVC pattern in Node.js applications?

- ☒ It improves the performance of the application 
- ☐ It separates the concerns of the application into different components
- ☐ It simplifies the development process
- ☐ None of the above


Correct answer

- ☒ It separates the concerns of the application into different components



Which event of the MatDialogRef class is emitted when the dialog is closed?

0/1

- ☒ opened 
- ☐ closed
- ☐ beforeClosed
- ☐ afterClosed

Correct answer

- ☒ afterClosed

✗ Which component in the MVC pattern is responsible for receiving requests from the user and sending responses back? 0/1

- ☒ Model ✗
- ☐ View
- ☐ Controller
- ☐ None of the above

Correct answer

- ☒ Controller

✗ What is the HTTP status code for "Not Found"? 0/1

- ☒ 200 ✗
- ☐ 201
- ☐ 204
- ☐ 404

Correct answer

- ☒ 404

✗ What is a pool in the context of Node service development?

0/1

- ☒ A module that manages configuration settings for the Node service ✗
- ☐ A module that handles HTTP requests and generates HTTP responses for the Node service
- ☐ A module that manages a pool of database connections used by the Node service
- ☐ A module that provides a graphical user interface for the Node service

Correct answer

- ☒ A module that manages a pool of database connections used by the Node service

✗ What is the purpose of the disableClose property in the dialogConfig object?

0/1

- ☒ To prevent the user from interacting with the dialog ✗
- ☐ To prevent the user from closing the dialog using the escape key or by clicking outside the dialog
- ☐ To prevent the dialog from being opened again after it has been closed
- ☐ To prevent the dialog from being resized by the user

Correct answer

- ☒ To prevent the user from closing the dialog using the escape key or by clicking outside the dialog

✗ Which of the following is an advantage of using a connection pool in Node service development? 0/1

- ☒ It simplifies the process of connecting to a database ✗
- ☐ It reduces the number of database queries required by the Node service
- ☐ It improves the performance and scalability of the Node service
- ☐ It provides a graphical user interface for the Node service

Correct answer

- ☒ It improves the performance and scalability of the Node service



What is Postman?

1/1

- ☒ A desktop application for API testing ✓
- ☐ A web application for website testing
- ☐ A mobile application for security testing
- ☐ A database management system

✗ Which of the following is a way to pass a method from a parent component to a child component in Angular?

0/1

☒ Using a service

✗

☐ Using event binding

☐ Using two-way binding

☐ Using property binding

Correct answer

☒ Using event binding

✓ What is the purpose of the index.ts file in a Node.js service?

1/1

☒ To define the routes for the API

✓

☐ To define the database schema

☐ To define the middleware functions for the API

☐ To define the authentication logic for the API

✓ What HTTP methods can be used in Postman?

1/1

☒ GET, POST, PUT, DELETE, PATCH

✓

☐ GET, POST, PUT, DELETE, PATCH, UPDATE

☐ GET, POST, CONNECT, TRACE, PATCH

☐ GET, POST, CONNECT, TRACE, DELETE

✗ What is the purpose of the data property in the dialogConfig object?

0/1

- ☒ To specify the type of animation to use for the dialog ✗
- ☐ To specify the HTTP method to use for data retrieval
- ☐ To pass data to the dialog component
- ☐ To specify the route to navigate to after closing the dialog

Correct answer

- ☒ To pass data to the dialog component

✗ Which of the following is a popular pool module for Node services?

0/1

- ☒ express ✗
- ☐ nodemon
- ☐ dotenv
- ☐ pg

Correct answer

- ☒ pg

✗ How is a connection pool typically created and managed in a Node service?

0/1

- ☒ By defining the pool configuration in a .env file ✗
- ☐ By manually creating and managing connections in the Node service code
- ☐ By using a pool module like pg to create and manage connections automatically
- ☐ By creating a new Node service project from a template that includes a pre-configured connection pool

Correct answer

- ☒ By using a pool module like pg to create and manage connections automatically

✗ In the MVC pattern, which component is responsible for displaying data to the user? 0/1

- ☒ Model ✗
- ☐ View
- ☐ Controller
- ☐ None of the above

Correct answer

- ☒ View

✗ What is the purpose of a connection pool in Node service database configuration? 0/1

- ☒ To define the behavior and settings of the database ✗
- ☐ To store secret keys and other sensitive information used by the Node service
- ☐ To manage packages and dependencies used by the Node service
- ☐ To improve the performance and scalability of the Node service by managing a pool of reusable database connections

Correct answer

- ☒ To improve the performance and scalability of the Node service by managing a pool of reusable database connections

✗ Which component in the MVC pattern is responsible for rendering the HTML and CSS that the user sees? 0/1

- ☒ Model ✗
- ☐ View
- ☐ Controller
- ☐ None of the above

Correct answer

- ☒ View

✓ What is the purpose of the `app.listen()` method in the `index.ts` file?

1/1

☒ To define the port on which the server should listen for incoming requests ✓

☐ To define the middleware functions for the API

☐ To define the routes for the API

☐ To define the database schema

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