

mcq-full-stack-dev-01-apr-2023

Total points 9/25



Upskill India Jan 2023 Program.

0 of 0 points

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.



(Icon created by kosonicon - Flaticon)

☒ I SWEAR.

Enter your registered email as per enrollment in Open Mentor portal or Naan Mudhalvan Portal ^{*}

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Enter your Naan Mudhalvan Id, if applicable. Otherwise, enter N/A ^{*}

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0 of 25 points

✓ How can you inject a dependency with a different provider token in Angular?

1/1

- ☒ By using the @Inject decorator ✓
- ☐ By using the @Optional decorator
- ☐ By using the @Injectable decorator

✓ What is Mat-Icon in Angular Material?

1/1

- ☒ A component that displays icons in an Angular Material application ✓
- ☐ A directive that applies icons to HTML elements in an Angular Material application
- ☐ A pre-built set of icons that can be used in an Angular Material application
- ☐ A CSS class that styles icons in an Angular Material application

✗ How can you enable sorting on a Mat table?

0/1

- ☒ Set the sort property to true on the MatTableDataSource object. ✗
- ☐ Use the mat-sort directive on the table element and set the matSort property to a MatSort object.
- ☐ Implement a custom sorting function in the component and pass it to the MatTableDataSource object.
- ☐ Sorting is not supported on Mat tables.

Correct answer

- ☒ Use the mat-sort directive on the table element and set the matSort property to a MatSort object.

✓ What is the purpose of Injector in Angular?

1/1

- ☒ To inject dependencies into a component or service ✓
- ☐ To validate user input in a form
- ☐ To handle HTTP requests and responses in an Angular application

✗ Which of the following is true about the Mat-Icon component?

0/1

- ☒ It can only display pre-built icons that come with Angular Material ✗
- ☐ It can be customized with your own SVG icons
- ☐ It can only be used within the Mat-Button component
- ☐ It does not require any configuration to use in your application

Correct answer

- ☒ It can be customized with your own SVG icons

✗ What is two-way binding in the context of web development?

0/1

- ☒ A type of data encryption used to secure user inputs ✗
- ☐ A way to connect a user interface element to a data model so that changes in one are automatically reflected in the other
- ☐ A method of creating responsive web layouts
- ☐ None of the above

Correct answer

- ☒ A way to connect a user interface element to a data model so that changes in one are automatically reflected in the other

✓ Which of the following is a common method of pagination?

1/1

- ☒ Infinite scrolling ✓
- ☐ Sorting data alphabetically
- ☐ Filtering data by date
- ☐ Creating a table of contents

✗ How do you add Mat-Icon to your Angular Material application?

0/1

- ☒ By installing a separate Mat-Icon library ✗
- ☐ By importing Mat-Icon from the @angular/material library
- ☐ By creating your own Mat-Icon component
- ☐ By adding a CSS stylesheet that includes Mat-Icon styles

Correct answer

- ☒ By importing Mat-Icon from the @angular/material library

✗ How can you implement inline editing in Angular?

0/1

- ☒ Using an external library ✗
- ☐ Writing custom code
- ☐ Using the built-in ng-model directive
- ☐ All of the above

Correct answer

- ☒ All of the above

✗ Which of the following is NOT a valid input property for Mat table?

0/1

☒ dataSource ✗

☐ displayedColumns

☐ filterPredicate

☐ selectionModel

Correct answer

☒ filterPredicate

✗ Which directive is used to define the columns of a Mat table?

0/1

☒ mat-cell ✗

☐ mat-row

☐ mat-header-cell

☐ mat-column

Correct answer

☒ mat-column

✓ What is the advantage of inline editing over other editing methods?

1/1

- ☒ It is faster and more convenient for the user ✓
- ☐ It is more secure than other editing methods
- ☐ It allows you to edit multiple fields at once
- ☐ It requires less code to implement than other editing methods

✗ Which of the following TypeScript features allows for easier code reusability and abstraction?

0/1

- ☒ Inheritance ✗
- ☐ Polymorphism
- ☐ Encapsulation
- ☐ All of the above

Correct answer

- ☒ All of the above

✗ Which event is triggered when the user finishes editing a field in inline editing?

0/1

☒ ng-edit-complete

✗

☐ ng-change

☐ ng-blur

☐ ng-focus

Correct answer

☒ ng-blur

✓ How do you use Mat-Icon in your Angular Material application?

1/1

☒ By adding a <mat-icon> element to your HTML code and specifying the icon name as an attribute

✓

☐ By adding a CSS class to your HTML element that includes the Mat-Icon styles

☐ By importing a separate Mat-Icon module into your Angular application

☐ By using the Mat-Button component and specifying the icon as an input property

✓ What is the purpose of the displayedColumns property in mat-table?

1/1

☒ To define the columns that should be displayed in the table

✓

☐ To specify the data source for the table

☐ To set the width of each column in the table

☐ None of the above

✗ What is inline editing in Angular?

- ☒ Editing data in a modal dialog box ✗
- ☐ Editing data in a new page
- ☐ Editing data in the same place where it is displayed
- ☐ Editing data using a drag and drop interface

Correct answer

- ☒ Editing data in the same place where it is displayed

✗ What is the purpose of the dataSource property in mat-table?

0/1

- ☒ To define the columns that should be displayed in the table ✗
- ☐ To specify the data source for the table
- ☐ To set the width of each column in the table
- ☐ None of the above

Correct answer

- ☒ To specify the data source for the table

✗ 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 directives is used for inline editing in Angular?

0/1

- ☒ ng-edit ✗
- ☐ ng-change
- ☐ ng-model
- ☐ ng-inline

Correct answer

- ☒ ng-model

✓ What is a Mat table used for?

1/1

☒ Displaying data in a tabular format ✓

☐ Creating charts and graphs

☐ Storing data in a database

☐ Creating forms

✗ Which of the following Angular modules is required to use Mat table?

0/1

☒ FormsModule ✗

☐ HttpClientModule

☐ MatTableModule

☐ RouterModule

Correct answer

☒ MatTableModule

✓ How can you implement lazy loading in Angular Routing?

1/1

☒ By using the loadChildren property in the route configuration ✓

☐ By using the lazyLoad() method in the RouterModule

☐ By using the lazyLoad() method in the ActivatedRoute

✗ What is the purpose of pagination?

0/1

- ☒ To reduce the size of data ✗
- ☐ To index data for faster retrieval
- ☐ To organize data into smaller, manageable chunks
- ☐ To encrypt data for security

Correct answer

- ☒ To organize data into smaller, manageable chunks

✗ Which of the following is an example of using Mat-Icon in an Angular Material application?

0/1

- ☒ `<mat-icon class="material-icons">home</mat-icon>` ✗
- ☐ `<i class="material-icons">home</i>`
- ☐ `<button mat-icon-button><mat-icon>home</mat-icon></button>`
- ☐ `<div class="mat-icon">home</div>`

Correct answer

- ☒ `<button mat-icon-button><mat-icon>home</mat-icon></button>`

✗ Which of the following is a valid way to apply sorting to a mat-table?

0/1

- ☒ Set the sorting property of the mat-table element to the desired column ✗
- ☐ Set the sorting parameter of the data source for the table
- ☐ Use the matSort directive and set its matSortHeader attribute on each column header
- ☐ All of the above

Correct answer

- ☒ Use the matSort directive and set its matSortHeader attribute on each column header

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