

# mcq-full-stack-dev-04-mar-2023

Total points 9/25



Upskill India Jan 2023 Program.

0 of 0 points

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

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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.

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✗ What does the following Angular Material error message mean? "MatFormField must contain a MatFormFieldControl."

0/1

- ☒ There is a typo in the code. ✗
- ☐ A required module has not been imported.
- ☐ The form field is missing a necessary directive.
- ☐ The form field is not correctly bound to a data source.

Correct answer

- ☒ The form field is missing a necessary directive.

✓ What is the purpose of ngModel?

1/1

- ☒ To bind form data to a model in the component. ✓
- ☐ To handle user input in a form control element.
- ☐ To validate user input in a form control element.
- ☐ To style form controls based on their current state.

✗ What might cause an "No component factory found" error in Angular Material?

0/1

- ☒ A required module has not been imported. ✗
- ☐ The component has not been declared in the module.
- ☐ The component's selector has been misspelled.
- ☐ The component's template code contains errors.

Correct answer

- ☒ The component has not been declared in the module.

✗ How do you apply validation rules to a form control in a FormGroup?

0/1

- ☒ Use the "validators" property of the form control instance. ✗
- ☐ Call the "setValidators" method on the FormGroup instance.
- ☐ Call the "setValidators" method on the form control instance.
- ☐ Use the "validator" directive on a form element.

Correct answer

- ☒ Call the "setValidators" method on the form control instance.

✗ How can you troubleshoot an Angular Material error?

0/1

☒ Use the Angular Material documentation to identify the error. ✗

☐ Check the console log for error messages.

☐ Use the Angular Material inspector tool to identify the error.

☐ All of the above.

Correct answer

☒ All of the above.

✗ How do you associate a form control with a MatFormField?

0/1

☒ Use the "control" property of the MatFormField to bind the control. ✗

☐ Use the "matFormControl" directive on the form control element.

☐ Use the "matInput" directive on the form control element.

☐ Use the "matFormField" directive on the form control element.

Correct answer

☒ Use the "matFormControl" directive on the form control element.

✗ What can cause an "ExpressionChangedAfterItHasBeenCheckedError" in Angular Material? 0/1

- ☒ A variable has been updated outside of a lifecycle hook. ✗
- ☐ A component's view has been updated after it has been rendered.
- ☐ A change has been made to a data source after it has been bound to a view.
- ☐ A parent component is trying to access a child component's data.

Correct answer

- ☒ A component's view has been updated after it has been rendered.

✗ How do you open a MatDialog in Angular? 0/1

- ☒ Create a new instance of the MatDialog class. ✗
- ☐ Call the "open" method on the MatDialog service and pass in a component as an argument.
- ☐ Use the "mat-dialog" directive on a component.
- ☐ Use the "mat-dialog-content" directive on a component.

Correct answer

- ☒ Call the "open" method on the MatDialog service and pass in a component as an argument.

✗ How do you set the floating label of a MatFormField to be always visible?

0/1

☒ Set the "floatLabel" property to "always" on the MatFormField. ✗

☐ Use CSS to style the label to be always visible.

☐ It's not possible to always show the floating label.

☐ Set the "floatLabel" property to "fixed" on the MatFormField.

Correct answer

☒ Set the "floatLabel" property to "fixed" on the MatFormField.

✓ How do you close a MatDialog in Angular?

1/1

☒ Use the "mat-dialog-close" directive on a button in the dialog component. ✓

☐ Call the "close" method on the MatDialog instance.

☐ Use the "mat-dialog-dismiss" directive on a button in the dialog component.

☐ Call the "dismiss" method on the MatDialog instance.

✓ What is ngModel in Angular?

1/1

☒ A directive used to bind a value to a form control element. ✓

☐ A service used to handle HTTP requests.

☐ A directive used to define a route parameter.

☐ A class used to define a model in Angular.

✓ What is the purpose of the MatFormFieldControl interface?

1/1

- ☒ It defines the shape and behavior of a form control in a MatFormField. ✓
- ☐ It specifies the required form field configuration for a control.
- ☐ It provides styling options for a MatFormField.
- ☐ It defines the interface for a custom form control that can be used in a MatFormField.

✗ How do you style a MatDialog in Angular Material?

0/1

- ☒ Use the "mat-dialog" CSS class to style the dialog container. ✗
- ☐ Use the "mat-dialog-content" CSS class to style the dialog content.
- ☐ Use the "::ng-deep" CSS pseudo-selector to apply styles to the dialog and its children.
- ☐ Use the "mat-dialog-actions" CSS class to style the dialog buttons.

Correct answer

- ☒ Use the "::ng-deep" CSS pseudo-selector to apply styles to the dialog and its children.

✗ How do you add a form control to a FormGroup?

0/1

- ☒ Use the "formControl" directive on a form element. ✗
- ☐ Call the "addControl" method on the FormGroup instance.
- ☐ Use the "formControlName" directive on a form element.
- ☐ Call the "add" method on the FormGroup instance.

Correct answer

- ☒ Call the "add" method on the FormGroup instance.

✗ Which of the following is NOT a common cause of an Angular Material error?

0/1

- ☒ Incorrect imports in the module ✗
- ☐ Misspelled component names
- ☐ Typos in the template code
- ☐ Outdated versions of Angular Material

Correct answer

- ☒ Outdated versions of Angular Material



✗ How do you use `ngModel` to two-way bind a form control to a component property? 0/1

- ☒ Use the `"ngModel"` directive and bind the `"ngModel"` property to the component property. ✗
- ☐ Use the `"ngModel"` directive and bind the `"value"` property to the component property.
- ☐ Use the `"[(ngModel)]"` syntax and bind it to the component property.
- ☐ Use the `"ngModelChange"` event and bind it to the component property.

Correct answer

- ☒ Use the `"[(ngModel)]"` syntax and bind it to the component property.

✗ How do you retrieve the value of a form control in a `FormGroup`? 0/1

- ☒ Use the `"value"` property of the `FormGroup` instance. ✗
- ☐ Use the `"value"` property of the form control instance.
- ☐ Use the `"get"` method of the `FormGroup` instance to retrieve the control and its value.
- ☐ Use the `"setValue"` method of the `FormGroup` instance.

Correct answer

- ☒ Use the `"get"` method of the `FormGroup` instance to retrieve the control and its value.

✗ How do you create a new FormGroup instance in Angular?

0/1

- ☒ Instantiate a new instance of the FormGroup class. ✗
- ☐ Use the "formGroup" directive on a form element.
- ☐ Call the "group" method on the FormBuilder service.
- ☐ Use the "ngFormGroup" directive on a form element.

Correct answer

- ☒ Call the "group" method on the FormBuilder service.

✓ What is a FormGroup in Angular?

1/1

- ☒ A type of form control that can be used to represent complex form data structures. ✓
- ☐ A directive that binds a form control to a component property.
- ☐ A type of form control that can only be used for single values.
- ☐ A directive that specifies the validation rules for a form control.

✗ Which of the following is NOT a valid MatFormField appearance option?

0/1

☒ outline ✗

☐ legacy

☐ filled

☐ standard

Correct answer

☒ legacy

✓ What is MatDialog in Angular Material?

1/1

☒ A component used to display a modal dialog box. ✓

☐ A service used to handle HTTP requests.

☐ A directive used to create dynamic content.

☐ A module used to import Angular Material components.

✗ Can you use ngModel without a form element?

0/1

- ☒ Yes, ngModel can be used with any input element. ✗
- ☐ No, ngModel can only be used with form elements.
- ☐ Yes, ngModel can be used with any element that has a "value" property.
- ☐ No, ngModel can only be used with select and textarea elements.

Correct answer

- ☒ Yes, ngModel can be used with any element that has a "value" property.

✓ How do you pass data to a MatDialog component?

1/1

- ☒ Use the "data" property of the MatDialogConfig object when opening the dialog. ✓
- ☐ Use the "inputs" property of the MatDialogRef object when closing the dialog.
- ☐ Use the "outputs" property of the MatDialogConfig object when opening the dialog.
- ☐ Use the "output" property of the MatDialogRef object when closing the dialog.

✓ What is the purpose of the "name" attribute on a form control element when using ngModel? 1/1

- ☒ It identifies the form control in the component. ✓
- ☐ It defines the validation rules for the form control.
- ☐ It sets the initial value of the form control.
- ☐ It specifies the styling for the form control.

✓ What is the purpose of the MatPrefix and MatSuffix directives in a MatFormField? 1/1

- ☒ They allow you to add icons or other elements to the beginning or end of a form field. ✓
- ☐ They provide additional styling options for a MatFormField.
- ☐ They define the shape and behavior of a custom form control.
- ☐ They allow you to specify a default value for a form field.

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