

Angular 15 MCQs

1. ****Which command is used to create a new Angular project?****

- a) ng new
- b) ng create
- c) ng init
- d) ng start
- ****Answer: a****

2. ****What is the purpose of the `ngOnInit` lifecycle hook?****

- a) To initialize the component after Angular first displays the data-bound properties
- b) To destroy the component
- c) To fetch data from an API
- d) To update the component's view
- ****Answer: a****

3. ****Which directive is used to conditionally include or exclude an element?****

- a) *ngIf

- b) *ngFor
- c) *ngSwitch
- d) *ngModel
- **Answer: a**

4. **How do you bind a property in Angular?**

- a) {{property}}
- b) [property]="value"
- c) (property)="value"
- d) #property="value"
- **Answer: b**

5. **What is the correct syntax to add a click event in Angular?**

- a) [click]="method()"
- b) (click)="method()"
- c) *click="method()"
- d) #click="method()"
- **Answer: b**

6. ****Which service is used to make HTTP calls in Angular?****

- a) HttpClient
- b) Http
- c) HttpService
- d) HttpRequest
- ****Answer: a****

7. ****What is the purpose of Angular CLI?****

- a) To provide a command-line interface for managing Angular projects
- b) To create new Angular components
- c) To compile TypeScript into JavaScript
- d) To generate Angular templates
- ****Answer: a****

8. ****Which decorator is used to define an Angular component?****

- a) @Directive
- b) @Pipe
- c) @Component

- d) @Injectable

- **Answer: c**

9. **What is the purpose of the `RouterModule` in Angular?**

- a) To enable routing and navigation between views

- b) To handle form submissions

- c) To fetch data from a server

- d) To provide animation support

- **Answer: a**

10. **Which command is used to generate a new component in Angular?**

- a) ng g c component-name

- b) ng create component component-name

- c) ng new component component-name

- d) ng make component component-name

- **Answer: a**

11. **What is Angular's dependency injection?

- a) A design pattern to manage dependencies in Angular applications
- b) A method to fetch data from APIs
- c) A technique to bind data to the template
- d) A way to handle routing in Angular
- ****Answer: a****

12. ****Which of the following is not a valid Angular directive?****

- a) *ngIf
- b) *ngFor
- c) *ngSwitch
- d) *ngRepeat
- ****Answer: d****

13. ****How do you create a service in Angular using CLI?****

- a) ng g s service-name
- b) ng create service service-name
- c) ng new service service-name
- d) ng make service service-name

- **Answer: a**

14. **What is the purpose of the `@Injectable` decorator?**

- a) To define a class as a service
- b) To create a new component
- c) To handle form validation
- d) To manage routing

- **Answer: a**

15. **What does the `async` pipe do in Angular?**

- a) Subscribes to an Observable or Promise and returns the latest value
- b) Converts a string to uppercase
- c) Filters an array
- d) Formats a date

- **Answer: a**

16. **Which lifecycle hook is called when a component is destroyed?**

- a) ngOnDestroy

- b) `ngOnInit`
- c) `ngAfterViewInit`
- d) `ngAfterContentInit`
- **Answer: a**

17. **What is the main purpose of Angular's `ngModel`` directive?**

- a) To bind data to input fields
- b) To create new services
- c) To handle routing
- d) To fetch data from APIs
- **Answer: a**

18. **Which decorator is used to define an Angular service?**

- a) `@Injectable`
- b) `@Component`
- c) `@Directive`
- d) `@Pipe`
- **Answer: a**

19. ****What is the role of Angular's `HttpClientModule`?****

- a) To enable HTTP communication in Angular applications
- b) To handle form validation
- c) To manage routing
- d) To create new components
- ****Answer: a****

20. ****How do you define a route in Angular?****

- a) Using the `RouterModule.forRoot` method
- b) Using the `RouterModule.route` method
- c) Using the `RouterModule.createRoute` method
- d) Using the `RouterModule.setRoute` method
- ****Answer: a****

21. ****What is the purpose of Angular's `ng-content` directive?****

- a) To project content into a component
- b) To bind data to the template
- c) To handle form submissions

- d) To fetch data from APIs

- **Answer: a**

22. **Which command is used to run an Angular application locally?**

- a) ng serve

- b) ng start

- c) ng run

- d) ng launch

- **Answer: a**

23. **What does the `@Input` decorator do in Angular?**

- a) Allows a parent component to pass data to a child component

- b) Binds data to input fields

- c) Handles form submissions

- d) Creates a new component

- **Answer: a**

24. **Which of the following is a valid Angular form control?

- a) FormControl
- b) FormInput
- c) FormElement
- d) FormValidator
- **Answer: a**

25. **What is the purpose of Angular's `ngClass` directive?**

- a) To dynamically add or remove CSS classes
- b) To conditionally include or exclude an element
- c) To bind data to the template
- d) To handle form submissions
- **Answer: a**

26. **Which of the following is used to configure routes in Angular?**

- a) RouterModule
- b) FormsModule
- c) HttpClientModule
- d) BrowserModule
- **Answer: a**

27. **What is the purpose of Angular's '@Output' decorator?**

- a) To allow a child component to send data to a parent component
- b) To bind data to the template
- c) To handle form submissions
- d) To fetch data from APIs
- **Answer: a**

28. **Which pipe is used to format a date in Angular?**

- a) date
- b) currency
- c) json
- d) lowercase
- **Answer: a**

29. **How do you create a custom pipe in Angular?**

- a) By using the '@Pipe' decorator
- b) By using the '@Component' decorator

- c) By using the `@Directive` decorator
- d) By using the `@Injectable` decorator
- **Answer: a**

30. **What is the default change detection strategy in Angular?**

- a) Default
- b) OnPush
- c) CheckAlways
- d) CheckOnce
- **Answer: a**

31. **Which Angular directive is used for looping through a collection?**

- a) *ngFor
- b) *ngIf
- c) *ngSwitch
- d) *ngRepeat
- **Answer: a**

32. ****What is the purpose of Angular's `ReactiveFormsModule`?**

- a) To provide support for reactive forms
- b) To enable HTTP communication
- c) To manage routing
- d) To create new components
- ****Answer: a****

33. ****Which of the following is not a valid Angular CLI command?**

- a) ng build
- b) ng deploy
- c) ng serve
- d) ng start
- ****Answer: d****

34. ****What is the purpose of Angular's `async` pipe?**

- a) To subscribe to an Observable and return the latest value
- b) To convert a string to uppercase
- c) To filter an array

-

d) To format a date

- **Answer: a**

35. **Which decorator is used to define a class as a module in Angular?**

- a) @NgModule
- b) @Component
- c) @Directive
- d) @Pipe
- **Answer: a**

36. **What is the main purpose of Angular's `ng-template` directive?**

- a) To define a template that can be used with structural directives
- b) To bind data to the template
- c) To handle form submissions
- d) To fetch data from APIs
- **Answer: a**

37. ****How do you define a component's template in Angular?****

- a) Using the `templateUrl` or `template` property in the `@Component` decorator

- b) Using the `templateFile` property in the `@Component` decorator

- c) Using the `view` property in the `@Component` decorator

- d) Using the `template` property in the `@NgModule` decorator

- ****Answer: a****

38. ****Which command is used to build an Angular project for production?****

- a) ng build --prod

- b) ng build

- c) ng deploy

- d) ng compile --prod

- ****Answer: a****

39. ****What is the purpose of Angular's `@ViewChild` decorator?****

- a) To get a reference to a child component or directive

- b) To bind data to input fields

- c) To handle form submissions

- d) To create a new component

- ****Answer: a****

40. ****Which module is required to use two-way data binding in Angular?****

- a) FormsModule

- b) HttpClientModule

- c) RouterModule

- d) BrowserModule

- ****Answer: a****

41. ****What is the purpose of Angular's `ngModel` directive?****

- a) To bind input fields to model properties for two-way data binding

- b) To conditionally include or exclude an element

- c) To handle form submissions
- d) To fetch data from APIs
- ****Answer: a****

42. ****How do you conditionally apply a class to an element in Angular?****

- a) Using the `ngClass` directive
- b) Using the `ngStyle` directive
- c) Using the `ngIf` directive
- d) Using the `ngFor` directive
- ****Answer: a****

43. ****What is the purpose of Angular's `Renderer2` service?****

- a) To manipulate the DOM in a platform-agnostic way
- b) To bind data to the template
- c) To handle form submissions
- d) To fetch data from APIs
- ****Answer: a****

44. ****Which of the following is a valid Angular form control?****

- a) FormGroup
- b) FormInput
- c) FormElement
- d) FormValidator
- ****Answer: a****

45. ****What is the purpose of Angular's `ngForOf` directive?****

- a) To loop through a collection and render each item
- b) To conditionally include or exclude an element
- c) To bind data to the template
- d) To handle form submissions
- ****Answer: a****

46. ****Which of the following is not a valid Angular module?****

- a) BrowserModule
- b) FormsModule
- c) HttpClientModule

- d) DataModule

- **Answer: d**

47. **What is the purpose of Angular's `ngStyle` directive?**

- a) To dynamically set CSS styles on an element
- b) To conditionally include or exclude an element
- c) To bind data to the template
- d) To handle form submissions

- **Answer: a**

48. **Which decorator is used to define a custom directive in Angular?**

- a) @Directive
- b) @Component
- c) @Pipe
- d) @Injectable

- **Answer: a**

49. **How do you import a module in an Angular application?**

- a) By adding it to the `imports` array in the `@NgModule` decorator
- b) By adding it to the `providers` array in the `@NgModule` decorator
- c) By adding it to the `declarations` array in the `@NgModule` decorator
- d) By adding it to the `bootstrap` array in the `@NgModule` decorator
- **Answer: a**

50. **What is the purpose of Angular's `RouterLink` directive?**

- a) To create a link to a different route
- b) To bind data to the template
- c) To handle form submissions
- d) To fetch data from APIs
- **Answer: a**

51. **Which of the following is used to configure routes in Angular?**

- a) RouterModule
- b) FormsModule

- c) HttpClientModule
- d) BrowserModule
- ****Answer: a****

52. ****What is the purpose of Angular's `@Output` decorator?****

- a) To allow a child component to send data to a parent component
- b) To bind data to the template
- c) To handle form submissions
- d) To fetch data from APIs
- ****Answer: a****

53. ****Which pipe is used to format a date in Angular?****

- a) date
- b) currency
- c) json
- d) lowercase
- ****Answer: a****

54. ****How do you create a custom pipe in Angular?****

- a) By using the ``@Pipe`` decorator
- b) By using the ``@Component`` decorator
- c) By using the ``@Directive`` decorator
- d) By using the ``@Injectable`` decorator

- ****Answer: a****

55. ****What is the default change detection strategy in Angular?****

- a) Default
- b) OnPush
- c) CheckAlways
- d) CheckOnce

- ****Answer: a****

56. ****Which Angular directive is used for looping through a collection?****

- a) `*ngFor`
- b) `*ngIf`
- c) `*ngSwitch`
- d) `*ngRepeat`

- **Answer: a**

57. **What is the purpose of Angular's `ReactiveFormsModule`?

- a) To provide support for reactive forms
- b) To enable HTTP communication
- c) To manage routing
- d) To create new components

- **Answer: a**

58. **Which of the following is not a valid Angular CLI command?

- a) ng build
 - b) ng deploy
 - c) ng serve
 - d) ng start
- **Answer: d**

59. **What is the purpose of Angular's `async` pipe?

- a) To subscribe to an Observable and return the latest value

- b) To convert a string to uppercase
- c) To filter an array
- d) To format a date
- **Answer: a**

60. **Which decorator is used to define a class as a module in Angular?**

- a) @NgModule
- b) @Component
- c) @Directive
- d) @Pipe
- **Answer: a**

61. **What is the main purpose of Angular's `ng-template` directive?**

- a) To define a template that can be used with structural directives
- b) To bind data to the template
- c) To handle form submissions
- d) To fetch data from APIs
- **Answer: a**

62. ****How do you define a component's template in Angular?****

- a) Using the `templateUrl` or `template` property in the `@Component` decorator

- b) Using the `templateFile` property in the `@Component` decorator

- c) Using the `view` property in the `@Component` decorator

- d) Using the `template` property in the `@NgModule` decorator

- ****Answer: a****

63. ****Which command is used to build an Angular project for production?****

- a) ng build --prod

- b) ng build

- c) ng deploy

- d) ng compile --prod

- ****Answer: a****

64. ****What is the purpose of Angular's `@ViewChild` decorator?****

- a) To get a reference to a child component or directive

- b) To bind data to input fields

- c) To handle form submissions

- d) To create a new component

- ****Answer: a****

65. ****Which module is required to use two-way data binding in Angular?****

- a) FormsModule

- b) HttpClientModule

- c) RouterModule

- d) BrowserModule

- ****Answer: a****

66. ****What is the purpose of Angular's `ngModel`**

****directive?****

- a) To bind input fields to model properties for two-way data binding

- b) To conditionally include or exclude an element
- c) To handle form submissions
- d) To fetch data from APIs
- **Answer: a**

67. **How do you conditionally apply a class to an element in Angular?**

- a) Using the ``ngClass`` directive
- b) Using the ``ngStyle`` directive
- c) Using the ``ngIf`` directive
- d) Using the ``ngFor`` directive
- **Answer: a**

68. **What is the purpose of Angular's ``Renderer2`` service?**

- a) To manipulate the DOM in a platform-agnostic way
- b) To bind data to the template
- c) To handle form submissions
- d) To fetch data from APIs
- **Answer: a**

69. ****Which of the following is a valid Angular form control?****

- a) FormGroup
- b) FormInput
- c) FormElement
- d) FormValidator
- ****Answer: a****

70. ****What is the purpose of Angular's `ngForOf` directive?****

- a) To loop through a collection and render each item
- b) To conditionally include or exclude an element
- c) To bind data to the template
- d) To handle form submissions
- ****Answer: a****

71. ****Which of the following is not a valid Angular module?****

- a) BrowserModule
- b) FormsModule

- c) HttpClientModule
- d) DataModule
- **Answer: d**

72. **What is the purpose of Angular's `ngStyle` directive?**

- a) To dynamically set CSS styles on an element
- b) To conditionally include or exclude an element
- c) To bind data to the template
- d) To handle form submissions
- **Answer: a**

73. **Which decorator is used to define a custom directive in Angular?**

- a) @Directive
- b) @Component
- c) @Pipe
- d) @Injectable
- **Answer: a**

74. ****How do you import a module in an Angular application?****

- a) By adding it to the `imports` array in the `@NgModule` decorator
- b) By adding it to the `providers` array in the `@NgModule` decorator
- c) By adding it to the `declarations` array in the `@NgModule` decorator
- d) By adding it to the `bootstrap` array in the `@NgModule` decorator
- ****Answer: a****

75. ****What is the purpose of Angular's `RouterLink` directive?****

- a) To create a link to a different route
- b) To bind data to the template
- c) To handle form submissions
- d) To fetch data from APIs
- ****Answer: a****

76. ****Which of the following is used to configure routes in Angular?****

- a) RouterModule
- b) FormsModule
- c) HttpClientModule
- d) BrowserModule
- ****Answer: a****

77. ****What is the purpose of Angular's `@Output` decorator?****

- a) To allow a child component to send data to a parent component
- b) To bind data to the template
- c) To handle form submissions
- d) To fetch data from APIs
- ****Answer: a****

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- a) date
- b) currency
- c) json
- d) lowercase

- ****Answer: a****

79. ****How do you create a custom pipe in Angular?****

- a) By using the `@Pipe`` decorator
- b) By using the `@Component`` decorator
- c) By using the `@Directive`` decorator
- d) By using the `@Injectable`` decorator

- ****Answer: a****

80. ****What is the default change detection strategy in Angular?****

- a) Default
- b) OnPush
- c) CheckAlways
- d) CheckOnce

- ****Answer: a****

81. ****Which Angular directive is used for looping through a collection?****

- a) `*ngFor`
- b) `*ngIf`

- c) *ngSwitch
- d) *ngRepeat
- **Answer: a**

82. **What is the purpose of Angular's `ReactiveFormsModule`?

- a) To provide support for reactive forms
- b) To enable HTTP communication
- c) To manage routing
- d) To create new components
- **Answer: a**

83. **Which of the following is not a valid Angular CLI command?

- a) ng build
- b) ng deploy
- c) ng serve
- d) ng start
- **Answer: d**

84. ****What is the purpose of Angular's `async` pipe?****

- a) To subscribe to an Observable and return the latest value
- b) To convert a string to uppercase
- c) To filter an array
- d) To format a date
- ****Answer: a****

85. ****Which decorator is used to define a class as a module in Angular?****

- a) @NgModule
- b) @Component
- c) @Directive
- d) @Pipe
- ****Answer: a****

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- a) To define a template that can be used with structural directives
- b) To bind data to the template

- c) To handle form submissions
- d) To fetch data from APIs
- ****Answer: a****

87. ****How do you define a component's template in Angular?****

- a) Using the ``templateUrl`` or ``template`` property in the ``@Component`` decorator
- b) Using the ``templateFile`` property in the ``@Component`` decorator
- c) Using the ``view`` property in the ``@Component`` decorator
- d) Using the ``template`` property in the ``@NgModule`` decorator
- ****Answer: a****

88. ****Which command is used to build an Angular project for production?****

- a) `ng build --prod`
- b) `ng build`
- c) `ng deploy`
- d) `ng compile --prod`

- ****Answer: a****

89. ****What is the purpose of Angular's `@ViewChild` decorator?****

- a) To get a reference to a child component or directive

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- c) To handle form submissions

- d) To create a new component

- ****Answer: a****

90. ****Which module is required to use two-way data binding in Angular?****

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- c) RouterModule

- d) BrowserModule

- ****Answer: a****

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- b) To conditionally include or exclude an element
- c) To handle form submissions
- d) To fetch data from APIs
- ****Answer: a****

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- a) Using the `ngClass` directive
- b) Using the `ngStyle` directive
- c) Using the `ngIf` directive
- d) Using the `ngFor` directive
- ****Answer: a****

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- a) To manipulate the DOM in a platform-agnostic way
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- c) To handle form submissions
- d) To fetch data from APIs

- ****Answer: a****

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- a) FormGroup
- b) FormInput
- c) FormElement
- d) FormValidator

- ****Answer: a****

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- a) To loop through a collection and render each item
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- c) To bind data to the template
- d) To handle form submissions

- ****Answer: a****

96. ****Which of the following is not a valid Angular module?****

- a) BrowserModule

- b) FormsModule
- c) HttpClientModule
- d) DataModule
- ****Answer: d****

97. ****What is the purpose of Angular's `ngStyle` directive?****

- a) To dynamically set CSS styles on an element
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- c) To bind data to the template
- d) To handle form submissions
- ****Answer: a****

98. ****Which decorator is used to define a custom directive in Angular?****

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- c) @Pipe
- d) @Injectable

- ****Answer: a****

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- b) By adding it to the `providers` array in the `@NgModule` decorator
- c) By adding it to the `declarations` array in the `@NgModule` decorator
- d) By adding it to the `bootstrap` array in the `@NgModule` decorator

- ****Answer: a****

100. ****What is the purpose of Angular's `RouterLink` directive?****

- a) To create a link to a different route
- b) To bind data to the template
- c) To handle form submissions
- d) To fetch data from APIs

- ****Answer: a****