ANGULAR (PRACTICAL)

1. What is Angular?

a. A programming language

b. A JavaScript framework

c. A server-side technology

d. A database management system

2. Which version of TypeScript is commonly used with Angular?

a. 1.0

b. 2.0

c. 3.0

d. 4.0

3. What is the purpose of Angular CLI?

a. Client Localization Interface

b. Command Line Interface

c. Common Language Infrastructure

d. Component-Level Integration

4. Which directive is used for two-way data binding in Angular?

a. ng-model

b. ng-bind

c. ng-value

d. ng-databind

5. What is the file extension for an Angular template file?

a. .js

b. .html

c. .ng

d. .tpl

6. What is the purpose of the NgModule in Angular?

a. Network Module

b. Node Module

c. Angular Module

d. Navigation Module

7. Which decorator is used to define a component in Angular?

a. @Component

b. @Directive

c. @Module

d. @Service

8. What is the purpose of the ngOnInit lifecycle hook in Angular?

a. To initialize the component

b. To handle HTTP requests

c. To destroy the component

d. To update the component's state

9. What is the purpose of ngFor in Angular?

a. Conditional rendering

b. Two-way data binding

c. Iterating over a collection

d. Routing configuration

10. Which module is responsible for handling HTTP requests in Angular?

a. HttpClientModule

b. HttpModule

c. HttpClientModule

d. HttpRequestModule

11. What is the purpose of the Angular router?

a. Managing browser history

b. Handling HTTP requests

c. Creating components

d. Dependency injection

12. What is Angular CLI used for?

a. Creating and managing Angular projects

b. Executing SQL queries

c. Running server-side scripts

d. Managing database migrations

13. What is the purpose of a service in Angular?

a. Displaying data in the UI

b. Handling business logic and data operations

c. Defining the layout of a component

d. Managing user authentication

14. What is the role of the @ViewChild decorator in Angular?

a. Accessing child components

b. Defining view styles

c. Handling view events

d. Managing view routing

15. What does AOT stand for in the context of Angular?

a. Ahead of Time

b. Angular Optimization Technique

c. All of the Above

d. Angular Object Template

16. Which directive is used to conditionally display content in Angular?

a. ng-show

b. ng-if

c. ng-hide

d. ng-condition

17. What is the purpose of the trackBy function in ngFor?

a. Tracking user interactions

b. Optimizing performance when rendering lists

c. Defining route navigation

d. Configuring two-way data binding

18. Which module provides support for reactive forms in Angular?

a. ReactiveFormsModule

b. FormsModule

c. FormModule

d. ReactiveModule

19. In Angular, what is the purpose of the @Input decorator?

a. Defining component methods

b. Receiving input from a parent component

c. Handling user input events

d. Injecting services into a component

20. What is the purpose of Angular services?

a. Managing UI layout

b. Handling business logic and data operations

c. Defining component templates

d. Styling the application components