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[Angular 5 Interview Questions and Answers](#)

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Q1. [What Is Angular 5? Whats new in it?](#)

Angular 5 is an upgraded version of angular which is much faster, smaller, and easier to use. Some of its new features are **Progressive Web Application Angular Universal State Transfer API and DOM Build Optimizer tool**.

Q2. [Explain Bootstrapping in AngularJs?](#)

AngularJS reads the HTML and compiles it into an internal representation, this reading and compiling is called bootstrapping.

When you write the code to execute the bootstrapping instead of using ng-app directive then it is called manual bootstrapping.

Q3. [Explain service workers in Angular js?](#)

Service worker in Angular is used to augment a traditional web deployment to deliver a better user experience. These augmented applications have reliability and performance that is on par with natively-installed code. Adding a service worker to your application is one of the main steps in turning your application to progressive web apps. It also acts as a network proxy to intercept all the outgoing HTTP requests and chooses how to respond to them. In simple terms, a service worker is a script that runs in the browser and manages to cache for web applications.

Q4. [Explain how component routing works in Angular.](#)

The component routing works in Angular as whenever a user navigates to a page, Angular Router performs the following steps in order:

- it reads the browser URL the user wants to navigate to
- it applies a URL redirect (if one is defined)
- it figures out which router state corresponds to the URL
- it runs the guards that are defined in the router state
- it resolves the required data for the router state
- it activates the Angular components to display the page
- it manages navigation and repeats the steps above when a new page is requested.

Q5. Explain NPM?

NPM stands for node package manager. It is used for installing dependencies for javascript packages.

Q6. What is Angular CLI? List the command to install Angular CLI?

Angular CLI is Command Line Interface for Angular that runs Webpack. You can use **npm install -g @angular/cli** command to install angular CLI.

Q7. How to create a new project in angular js using CLI.

After installing Angular CLI run `ng new project-name` command to create a new Angular project.

Q8. What are Decorators?

Decorators are functions that adds metadata to class members and functions. It was proposed in ES2016 and implemented in Typescript.

Q9. List the types of Data Binding supported by Angular 5?

Angular 5 supports four types of Data Binding They are

- String Interpolation
- Property Binding

- Event Binding
- Two-way-binding

Q10. How to run Angular 5 application locally during development?

ng serve command is used to run Angular5 application locally during development. To start development server on specific port **ng serve -p aPortNumber** command is used.

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Q11. What an Angular 5 component made of ? How do you generate a new component?

Angular5 component is made of a **Component decorator** and a **component definition** of a class.
ng generate component component_name command is used to generate a component in Angular5.

Q12. How do we import a module in Angular5 ?

Simply use below syntax to import a module in Angular5.

```
import { ModuleName } from 'someWhere';
```

Q13. Explain \$event in Angular5?

In Angular5 **\$event** is a reserved keyword that represents the data emitted by an event (event data).It is commonly used as a parameter for event based methods.

Q14. What do double curly brackets are used in Angular5?

double curly brackets like **{{}}** are used form data interpolation in Angular5.

Q15. What is *ngFor directive used for?

***ngFor** directive is used for Iterating over a list of items and for Generating a new DOM element for each one.

Q16. Explain Webpack?

Webpack is module bundler Bundler for Angular2 or above. It bundles, minifies and transpiles an Angular application.

Q17. What is transpiling?

Transpiling is a process of converting code from one language to another. In Angular, Traceur compiler is used for converting TypeScript to JavaScript so that browsers can understand.

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Q18. Explain component life cycle in Angular?

In Angular component life cycle in Angular goes through the following stages.

- Create
- Render
- Create and render children
- Check for bound data changes and re-render
- Destroy

Q19. Explain NgModule?

NgModule is a decorator function in Angular that takes a single metadata object whose properties describe the module.

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