



Angular 6 Interview Questions

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Angular 6 Interview Questions

Introduction to Angular 6 Questions and Answers

Angular is one of the popular open source frameworks which are using for developing front end based web application (<https://www.educba.com/how-to-build-web-applications-using-mongodb/>), supported by the Angular team of Google. Angular has



with one new version of their implementation 6.0 with some key new features especially Angular-cli.

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Now, if you are looking for a job which is related to Angular 6 then you need to prepare for the 2019 Angular 6 Interview Questions. It is true that every interview is different as per the different job profiles. Here, we have prepared the important Angular 6 Interview Questions and Answers which will help you get success in your interview.

In this 2019 Angular 6 Interview Questions article, we shall present 10 most important and frequently asked Angular 6 Interview questions. These questions are divided into two parts are as follows:

Part 1 – Angular 6 Interview Questions (Basic)

This first part covers basic Angular 6 Interview Questions and Answers

Q1. Provide clear difference with some proper example of code snippet between “declarations”, “providers”, and “imports” in ng module for angular 6?

Answer:

Please find below an explanation of declaration, providers, and imports:

- **Declarations:** This is one of the key features of Angular for available varieties components or pipes of a single directive for the current module to other directives of the current module. If someone willing to use some same declare component in the current module from other directives then declaration should need to be done properly.
- **Imports:** Helping of availability of other module components in a current module by importing the same.
- **Providers:** It is helping DI for identifying and understanding of using services and



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Q2. Explain in details with a proper example on genuine differences identified specifically between “constructor” and “ngonint” for angular JS 6 version?

Answer:

This is the basic Angular 6 Interview Question asked in an interview. Please find details explanation below on constructor and ngonint for angular JS:

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- **Constructor:** Constructor is one of the default declarations for any specific class or object, it can be called every time when any class instantiated, also ensuring initialization properly of their subclasses and different instance variable fields.



Ngonint: It is one of the first initialize method using by Angular, mention in the first component of an angular life cycle (<https://www.educba.com/angular-5-interview-questions/>). It mainly indicated that angular has been completed of creating development/entire require components properly. It is not mandatory to use but best practice to use.

Q3. Application developed in Angular 5 is properly working and could not find any issue yet. Then why we plan to upgrade our application to Angular 6, what are new features introduced with this new version of Angular JS. Explain in details?

Answer:

Angular 6 has come with varieties upgradation compare to Angular 5 (<https://www.educba.com/angular-5-interview-questions/>), please find details explanation below on the same:

- **Elements of Angular:** One of the key features introduced in Angular 6, where some of the elements of Angular can be a wrap and represent as one of the web components. The main utility is the same component can be used easily for a non-angular project as the component can be considered as a normal web component.
- **New Engine for rendering called Ivy:** Helping of application performance especially in increasing speed and decreasing size of the application.
- **New providers called tree shakable:** One of the new ways for registering the provider, add inside the @Injectable() using some new attribute name is providedIn.
- **RxJS6:** One of the updated library used by Angular 6.
- **ElementRef:** ElementRef can define separately in case of Angular 6, not required to use native element property always.
- **Animation:** Angular 6 version introduces one new feature called Animation Builder.



Q3: In Angular 6 we can able to use i18n at runtime as well, not require to build

always
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Let us move to the next Angular 6 Interview Questions
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Q4. Explain in details about the reason of using the renderer method in Angular JS, whereas we can easily able to handle the same by using some native element methods. Was there any facility of using the same? Please explain?

Answer:

Angular can assume one platform and browser is using for rendering the details fetching data from the platform. Now if angular is going to use some of the native element of Angular DOM's, then those elements only can be used for the application of same DOM environment. In angular 6, one new class has come call Render2, which helps of preparing that native element like and web component element so that it can be used anywhere avoiding DOM dependency.

Q5. Explain in details about the compiler using by the Angular, called AOT (Ahead of time)?

Answer:

AOT stands for ahead of time. It is using by the angular for precompiling all the angular components and available templates at the time of build process. AOT always launched in angular based application than others.

Part 2 – Angular 6 Interview Questions (Advanced)

Let us now have a look at the advanced Angular 6 Interview Questions.

Q6. One of the very popular keys using in Angular that is Zone, explain the same in details?

Answer:

ngZone is nothing but one of the wrappers of the JS file called Zone.js. This is one of the libraries which is using for creating some context on using varieties asynchronous functions to make them trackable properly. Angular always dependent on zones for detecting changing development/

Q7. Angular JS developer is sometimes planning to use Lazy loading modules frequently. Explain in details why it is required to use and how it impact directly?

Answer:

Somehow developer needs some feature module load lazily, then they can easily use one of the key property called loadChildren in the route configuration of Angular JS (<https://www.educba.com/uses-of-angular-js/>). It is normally using by the developer when application size is increasing day by day. So utility of using the same:

- An expected module will be loaded based on the demand of the application.
- And application start will always be faster than usual.

Let us move to the next Angular 6 Interview Questions

Q8. Explain in details about the lifecycle designed for directive and components in Angular JS especially for the newly introduced version 6.0?

Answer:

Below lifecycle normally followed by the components and directive of Angular JS:

- Constructor
- ngOnChanges
- ngOnInit
- ngDoCheck
- ngOnDestroy



ngAfterContentInit (only for components)

• ngAfterContentChecked (only for components)
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• ngAfterViewChecked (only for components)

development/)

• ngAfterViewChecked (only for components)

Q9. Is it possible to include one embedded view from a defined templateRef which already prepared? If yes, please explain the same?

Answer:

This is the most asked Angular 6 Interview Question in an interview. The embedded view can be created by using the `createEmbeddedView` method and can easily attach the same to the available DOM by using the specific utility of `TemplateRef`.

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```
@Component({
  selector: 'app-root',
  template: `
```

```

    template:
    <ng-template #template let-name='example'><div>{{...}}</ng-
    </template>
    (https://www.educ
    ba.com/software-
    development/)
    export class AppComponent implements
    AfterViewChecked {
    @ViewChild('template1', { read: TemplateRef }) _template:
    TemplateRef<...>;
    constructor() { }
    ngAfterViewChecked() {
    this.vc.createEmbeddedView(this._template1, {example:
    '...'});
    }
    }

```

Q10. Explain in details if someone willing to identify exact route change of angular then how they can do this?

Answer:

In Angular 6 there has one option called Rx event which needs to subscribe to a specific instance of Router. Things can be done by below approaches:

```
Class SomeClass{
```

```
  Constructor(private route : Router){
```

```
    route.subscribe((val) => .....)
```

```
  }
```




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Recommended Article


This has been a guide to the list of Angular 6 Interview Questions and Answers so that the candidate can crackdown these Angular 6 Interview Questions easily. Here in this post, we have studied top Angular 6 Interview Questions which are often asked in interviews. You may also look at the following articles to learn more –

1. [Top 10 Objective C Interview Questions \(https://www.educba.com/objective-c-interview-questions/\)](https://www.educba.com/objective-c-interview-questions/).
2. [Threading Interview Questions and Answers \(https://www.educba.com/threading-interview-questions/\)](https://www.educba.com/threading-interview-questions/).
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