**What is Angular?**

AngularJS is a JavaScript-based open-source front-end web application framework mainly maintained by Google and by a community of individuals and corporations to address many of the challenges encountered in developing single-page applications.

**Angular** is a platform that makes it easy to build applications with the web. **Angular** combines declarative templates, dependency injection, end to end tooling, and integrated best practices to solve development challenges. **Angular** empowers developers to build applications that live on the web, mobile, or the desktop.

**Single page Application**

A **single-page application** (**SPA**) is a [web application](https://en.wikipedia.org/wiki/Web_application) or [web site](https://en.wikipedia.org/wiki/Web_site) that interacts with the user by dynamically rewriting the current page rather than loading entire new pages from a server.

**Framework**

**Framework just gives you basic structure around which you will write your code to have the greater functionality of the system**. It will force you to work in a standard way, So indirectly It helps to make your application standardized.

**Libraries**

In **programming**, a **library** is a collection of precompiled routines that a program can use. The routines, sometimes called modules, are stored in object format. **Libraries** are particularly useful for storing frequently used routines because you do not need to explicitly link them to every program that uses them.

**Decorators**

Decorators are a design pattern that is used to separate modification or decoration of a class without modifying the original source code. In AngularJS, decorators are functions that allow a service, directive or filter to be modified prior to its usage.

**Component**

In AngularJS, a Component is a special kind of [directive](https://docs.angularjs.org/guide/directive) that uses a simpler configuration which is suitable for a component-based application structure.

**What Is an Angular Component?**

Components are like the basic building block in an Angular application. Components are defined using the @component decorator. A component has a selector, template, style and other properties, using which it specifies the metadata required to process the component.

From the official docs:

*Components are the most basic building block of an UI in an Angular application. An Angular application is a tree of Angular components. Angular components are a subset of directives. Unlike directives, components always have a template and only one component can be instantiated per an element in a template.*

**Metadata**

Description. **Metadata** is a way of processing the class and a component called MyComponent will act as a class until we tell **Angular** that it's a component. User can use **metadata** to the class to tell **Angular** that MyComponent is a component. **Metadata** can be attached to TypeScript using a decorator.

**Ng Module**

**Ng Module Decorator**

**What is package.JSON ?**