

1. What is component in Angular 06? (Ch-2, P-18)

An Angular component is responsible for managing a template and providing it with the data and logic it needs. If that seems like a broad statement, it is because components are the part of an Angular application that does most of the heavy lifting. As a consequence, they can be used for all sorts of tasks.

2. What are two way data binding one one way data binding? (Ch-2, P-26)

At the moment, the template contains only one-way data bindings, which means they are used to display a data value but are unable to change it. Angular also supports two-way data bindings, which can be used to display a data value and change it, too. Two-way bindings are used with HTML form elements, and Listing adds a checkbox input element to the template that will let users mark a to-do item as complete.

3. Comparing between Angular and jQuery?(Ch-3, P-33)

Angular and jQuery take different approaches to web app development. jQuery is all about explicitly manipulating the browser's Document Object Model (DOM) to create an application. The approach that Angular takes is to co-opt the browser into being the foundation for application development.

4. Write the uses of let and const? (Ch-5, P-73)

the let keyword is used to define a variable, and the const keyword is used to define a constant value that will not change. it is good practice to use the const keyword for any value that you don't expect to modify so that you receive an error if any modifications are attempted

5. Define class getter and setter properties? (Ch-06, P-91)

JavaScript classes can define properties in their constructor, resulting in a variable that can be read and modified elsewhere in the application. Getters and setters appear as regular properties outside of the class, but they allow the introduction of additional logic, which is useful for validating or transforming new values or generating values programmatically

6. What is YARN and HMR? Ch-11, P-220,222)

Yarn is a recent alternative to npM, Yarn was introduced as a response to limitations in npM, but some of the features that differentiated Yarn have since made their way into npM.

The HMR feature includes code that is sent to the browser in the original bundle to open a persistent connection to the development HTTP server and listen for updates. When the new module is available, it is sent to the browser, and the application is automatically updated

7. What is Expression and Host element? (Ch-12, P-242, 244)

The expression in a data binding is a fragment of JavaScript code that is evaluated to provide a value for the target. The expression has access to the properties and methods defined by the component, which is how the binding in Listing 12-2 is able to invoke the `getClasses` method to provide the `ngClass` directive with the name of the class that the host element should be added to.

The host element is the simplest part of a data binding. Data bindings can be applied to any HTML element in a template, and an element can have multiple bindings, each of which can manage a different aspect of the element's appearance or behavior. You will see elements with multiple bindings in later examples.

8. Write some built in directives name? (Ch-13, P-264)

Angular comes with a set of built-in directives that provide features commonly required in web applications.

9. What is micro-template directives? (Ch-12, P-266)

the asterisk is shorthand for using directives that rely on content provided as part of the template, known as a micro-template. Directives that use micro-templates are known as structural directives,

10. What is MVC?(Ch-01)

MVC stands for Model-View-Controller. It is an architecture or a software design pattern that makes creating huge applications easy. It does not belong to specific programming language or framework, but it is a concept that you can use in creating any kind of application or software in any programming language.

11. What is bundle? (Ch-06)

During the compilation process, all of the JavaScript files that the application requires are combined into a larger file, known as a bundle.

12. What is NPM? Write the purposes of using NPM? (Ch-11)

NPM is Angular application package manager. It is the most widely used package manager of node.js that is installed alongside Node.js.

Purpose:

- It is basically used for managing dependencies of various server side dependencies.
- It is used to publish, discover, install, and develop node programs.
- Run `npm help` to get a list of available commands.

what is MVC and MVW?

what is nodeJS?p-7

Many of the tools used for Angular development rely on Node.js—also known as Node—which was created in 2009 as a simple and efficient runtime for server-side applications written in JavaScript. Node.js is based on the JavaScript engine used in the Chrome browser and provides an API for executing JavaScript code outside of the browser environment.

what is NPM?

what is angular-cli?

what is GIT?

what is the command to create a angular project?

what is the name of angular configuration file?

what is the name of node configuration file?

what ng serve does?

what "export" keyword does in ng app?

what is the function of {{ and }} character in ng?

what is ng component? how to create a component in ng-cli?

what is the use of import keyword?

discuss @Component decorator properties.

advantages of ng-cli? p-20

properties of @NgModule decorator?

discuss round trip and SPA(single page application)

Function of MODEL in MVC

function of controller in MVC

function of views in MVC

what is AJAX

Name the HTTP methods

why typescript used in ng

discuss let and const in js

advantage of spread operator