1. **What is AngularJS?**

Ans: AngularJS is a framework to build large scale and high performance web application while keeping them as easy-to-maintain

1. **What is MVC?**

**M**odel **V**iew **C**ontroller or MVC as it is popularly called, is a software design pattern for developing web applications. A Model View Controller pattern is made up of the following three parts:

* **Model** − It is the lowest level of the pattern responsible for maintaining data.
* **View** − It is responsible for displaying all or a portion of the data to the user.
* **Controller** − It is a software Code that controls the interactions between the Model and View.

1. **What are AngularJS expressions?**

Expressions are used to bind application data to html. Expressions are written inside double braces like {{ expression}}. Expressions behave in same way as ng-bind directives. AngularJS application expressions are pure JavaScript expressions and outputs the data where they are used.

1. **Why and when directives are used?**

**Why** : Directives expose core AngularJS functionality such as event handling, form validation, and templates. use custom directives to apply application features to views.  
**When**: Directives are used throughout an AngularJS application.

1. **discuss ng-include directive.**

**ng-include** attribute is better suited for more complex content or content that you need to use repeatedly throughout an application.

OR,

The ng-include directive retrieves a fragment of HTML content from the server, compiles it to process any directives that it might contain, and adds it to the Document Object Model. These fragments are known as partial views.

**6. What is DI (Dependency Injection)?**

Dependency injection simplifies the process of dealing with dependencies—known as resolving a dependency—between components.

**7. What is module and how to create a module?**

Modules are the top-level components for AngularJS applications.

Creating a Module

...

var myApp = angular.module("exampleApp", []);

...

**8. Define controller and how to create a controller?**

Controllers are created through the controller method provided by the AngularJS Module object. The arguments to the controller method are the name for the new controller and a function that will create the controller. The function is properly known as the constructor. For example, we can use this code to make controller-

**.controller("simpleCtrl", function ($scope) {**

**});**

**9. How to create and apply a filter?**

**OR,**

**9. What are Filters in AngularJS?**

Answer: Filters are used to format data before displaying it to the user. They can be used in view templates, controllers, services and directives. There are some built-in filters provided by AngularJS like as Currency, Date, Number, OrderBy, Lowercase, Uppercase etc.

You can also create your own filters.

Filter Syntax (create):

{{ expression | filter}}

Filter Example (apply):

**1. <script type = "text/javascript">**

**2. { { 14 | currency } } //returns $14.00**

**3. </script>**