

# QUESTIONS & ANSWERS

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# AngularJS

*AngularJS*

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**Section 1: Sec One (1 to 50)**

**Details:** This section provides a huge collection of AngularJS Interview Questions with their answers hidden in a box to challenge you to have a go at them before discovering the correct answer.

**QUESTION: 1**

What is AngularJS?

**Answer:**

AngularJS is a framework to build large scale and high performance web application while keeping them as easy-to-maintain. Following are the features of AngularJS framework.

AngularJS is a powerful JavaScript based development framework to create RICH Internet Application (RIA).

AngularJS provides developers options to write client side application (using JavaScript) in a clean MVC (Model View Controller) way.

Application written in AngularJS is cross-browser compliant. AngularJS automatically handles JavaScript code suitable for each browser.

AngularJS is open source, completely free, and used by thousands of developers around the world. It is licensed under the Apache License version 2.0.

**QUESTION: 2**

What is data binding in AngularJS?

**Answer:**

Data binding is the automatic synchronization of data between model and view components. ng-model directive is used in data binding.

**QUESTION: 3**

What is scope in AngularJS?

**Answer:**

Scopes are objects that refer to the model. They act as glue between controller and view.

**QUESTION: 4**

What are the controllers in AngularJS?

**Answer:**

Controllers are JavaScript functions that are bound to a particular scope. They are the prime actors in AngularJS framework and carry functions to operate on data and decide which view is to be updated to show the updated model based data.

**QUESTION: 5**

What are the services in AngularJS?

**Answer:**

AngularJS come with several built-in services. For example \$http service is used to make XMLHttpRequests (Ajax calls). Services are singleton objects which are instantiated only once in app.

**QUESTION: 6**

What are the filters in AngularJS?

**Answer:**

Filters select a subset of items from an array and return a new array. Filters are used to show filtered items from a list of items based on defined criteria.

**QUESTION: 7**

Explain directives in AngularJS.

**Answer:**

Directives are markers on DOM elements (such as elements, attributes, css, and more). These can be used to create custom HTML tags that serve as new, custom widgets. AngularJS has built-in directives (ng-bind, ng-model, etc) to perform most of the task that developers have to do.

**QUESTION: 8**

## AngularJS

Explain templates in AngularJS.

**Answer:**

Templates are the rendered view with information from the controller and model. These can be a single file (like index.html) or multiple views in one page using "partials".

**QUESTION: 9**

What is routing in AngularJS?

**Answer:**

It is concept of switching views. AngularJS based controller decides which view to render based on the business logic.

**QUESTION: 10**

What is deep linking in AngularJS?

**Answer:**

Deep linking allows you to encode the state of application in the URL so that it can be bookmarked. The application can then be restored from the URL to the same state.

**QUESTION: 11**

What are the advantages of AngularJS?

**Answer:**

Following are the advantages of AngularJS.

AngularJS provides capability to create Single Page Application in a very clean and maintainable way.

AngularJS provides data binding capability to HTML thus giving user a rich and responsive experience

AngularJS code is unit testable.

AngularJS uses dependency injection and make use of separation of concerns.

AngularJS provides reusable components.

With AngularJS, developer writes less code and gets more functionality.

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