Interview Questions & Answers

# JOB INTERVIEW

### ****1.Why Java is platform independent ?****

Platform independent practically means “write once run anywhere”. Java is called so because of its byte codes which can run on any system irrespective of its underlying operating system.

### ****2.What are wrapper classes?****

Wrapper classes converts the java primitives into the reference types (objects)

### ****3.What is association?****

Association is relation between two separate classes which establishes through their Objects

### ****4.What is a servlet ?****

Java Servlet is server side technologies to extend the capability of web servers by providing support for dynamic response and data persistence.

### ****5. What is JDBC Driver ?****

JDBC Driver is a software component that enables java application to interact with the database

### ****6. What is Hibernate Framework?****

Object-relational mapping or ORM is the programming technique to map application domain model objects to the relational database tables.

### 7.What is final keyword?

final keyword is used with Class to make sure no other class can extend it,

### 8.What is anonymous inner class?

A local inner class without name is known as anonymous inner class.

9. **Can a class have multiple constructors?**

Yes, a class can have multiple constructors with different parameters. Which constructor gets used for object creation depends on the arguments passed while creating the objects.

**10 What is multi-threading?**

Multi threading is a programming concept to run multiple tasks in a concurrent manner within a single program.

### ****11) How does cookies work in Servlets?****

Cookies are text data sent by server to the client and it gets saved at the client local machine.

### ****12)What is the role of JDBC DriverManager class?****

The DriverManager class manages the registered drivers. It can be used to register and unregister drivers. It provides factory method that returns the instance of Connection.

### ****13)What do you mean by batch processing in JDBC?****

Batch processing helps you to group related SQL statements into a batch and execute them instead of executing a single query.

### ****14)What is a Spring?****

Spring is essentially a lightweight, integrated framework that can be used for developing enterprise applications in java.

### ****15)Explain the jspDestroy() method.****

jspDestry() method is invoked from javax.servlet.jsp.JspPage interface whenever a JSP page is about to be destroyed.

**Angular Js**

### 1) what is angular js ?

**AngularJS** is a JavaScript framework that is used for making rich, extensible web applications.

### 2 ) **What is scope of Angular js ?**

The scope is the object that represents the “model” of your application.

### 3) What is the controller in angular JS

The controller is a function which generally takes an empty scope object as a parameter and adds to it the fields and functions that will be later exposed to the user via the view.

### 4) What are angular modules

Angular Modules are place where we write code of our Angular application.

**5)What is “$rootScope” in AngularJS?**

A scope provides a separation between View and its Model. Every application has a $rootScope provided by AngularJS and every other scope is its child scope.

**6)What is SPA (Single page application) in AngularJS?**

Single-Page Applications (SPAs) are web applications that load a single HTML page and dynamically update that page as the user interacts with the app.

**7) How to implement routing in AngularJS?**

This feature is useful in building SPA (Single Page Application) with multiple views.

**8) what is Dependency Injection in AngularJS?**

Dependency Injection is one of the best features of AngularJS. It is a software design pattern in which objects are passed as dependencies.

**9) Explain ng-repeat directive.?**

It iterates over a collection of items and creates DOM elements.

**10) What are the filters in AngularJS?**

Filters are used to modify the data and can be clubbed in expression or directives using a pipe character.

**11) Explain ng-disabled Directive in AngularJS ?**

ng- disabled directive is used to enable or disable HTML elements. Let us see this with the help of an example.

**12) Explain ng-app directive.**

 We can use this to auto-bootstrap an AngularJS application.

**13) What is Representational State Transfer(REST) in AngularJS.**

REST is a style of API that operates over HTTP requests.

**14) Why to use AngularJS Global Object services?**

The main reason that AngularJS includes these services is to make testing easier, but an important facet of unit testing is the need to isolate a small piece of code and test its behavior without testing the components it depends on—in essence, creating a focused test.

**15) Explain Provider Method in AngularJS.**

The Module.provider method allows you to take more control over the way that a service object is created or configured .

**1)What is HTML?**

HTML is short for HyperText Markup Language and is the language of the World Wide Web. It is the standard text formatting language used for creating and displaying pages on the Web.

**2)What are tags?**

Content is placed in between HTML tags in order to properly format it.

**3)Do all HTML tags come in a pair?**

No, there are single HTML tags that do not need a closing tag.

**4) What is an image map?**

Image map lets you link to many different web pages using a single image. You can define shapes in images that you want to make part of an image mapping.

**5) What is the advantage of collapsing white space?**

White spaces are a blank sequence of space characters, which is treated as a single space character in HTML.

**6) Can attribute values be set to anything or are there specific values that they accept?**

Some attribute values can be set to only predefined values. Other attributes can accept any numerical value that represents the number of pixels for a size.

**7) What are style sheets?**

Style sheets enable you to build consistent, transportable, and well-defined style templates.

**8) State  bullet types available in HTML**

With ordered lists, you can select to use some different list types including alphabetical and Roman numerals.

**10) What are applets?**

Applets are small programs that can be embedded within web pages to perform some specific functionality, such as computations, animations, and information processing.

**11) What is the use of Canvas element?**

The canvas element helps to build charts, graphs, bypass Photoshop to create 2D images and place them directly into HTML5 code.

CSS Questions :

**1)What is CSS ?**

 It is a styling language which is simple enough for HTML elements.

**2)What are CSS frameworks?**

t is a pre-planned libraries, which allows easier and more standards-compliant webpage styling, using CSS language.

**3)Enlist the media types CSS allows?**

The design and customization of documents are rendered by media

**4)Describe ‘ruleset’?**

Selectors can be attached to other selectors to be identified by ruleset.

**5)Define Declaration block?**

A catalog of directions within braces consisting of property, colon and value is called declaration block.

**6)Define float property of CSS?**

By float property, the image can be moved to the right or the left along with the text to be wrapped around it.

**7)Define Attribute Selector ?**

It is defined by a set of elements, value and its parts.

**8) What is Alternate Style Sheet?**

Alternate Style Sheets allows the user to select the style in which the page is displayed using the view>page style menu.

**9) How does Z index function?**

 Z index helps in specifying the overlapping element.

**10) What is contextual selector?**

Selector used to select special occurrences of an element is called contextual selector.

BootStrap

**1)Explain what is Bootstrap?**

Bootstrap is a HTML, CSS, and JS framework for building the rich web applications with minimal effort.

**2)Explain what are class loaders in Bootstrap?**

Class loader is a part of JRE (Java Runtime Environment) which loads Java classes into Java virtual environment.

**3)Explain what is Bootstrap Grid System?**

For creating page layout through a series of rows and columns that house your content Bootstrap Grid Sytem is used.

**4)What function you can use to wrap a page content?**

To wrap a page content you can use **.container**and using that you can also center the content.

**5)Explain what is Modal plugin used for in Bootstrap?**

A modal is a child window that is layered over its parent window.

**6)Explain what is Bootstrap Container?**

Bootstrap container is a class which is useful and creates a centred area within the page where our site content can be put within.

**7) What is panel in Bootstrap?**

A panel in bootstrap is a bordered box with some padding around its content.

8) **What is Jumbotron in Bootstrap?**

A Jumbotron provides some different look for a heading or we can say it is used to show some special content or information on the webpages

9) **Explain Bootstrap Basic Buttons.**

For creating a Basic List Group use class .list-group to <ul> element, and into this <li> elements.

**10)Explain Navigation Bar in Bootstrap.**

The Bootstrap navbar component is used to create a responsive navigation header for our website or application.

**IONIC :**

**How do you pass data from one view to other in ionic applications ?**

Ionic uses AngularJS and UI-router. It means you can use Angular services or UI-router’s state resolve to pass data from one view to another.

**How can you render a 2000 item list inionic ,without affecting scroll performance ?**

Ionic provides a collection-repeat directive that renders only visible items in the DOM. So even if the list is huge, like 5000 in our example, only items visible in a viewport are rendered.

what is the advantage of caching the views in ionic apps ?

Ionic provides platform classes: when the application is loaded, Ionic adds CSS classes to the <body> tag.