# BOOTSTRAP Interview Q&A

**1) Define Bootstrap.**

**Bootstrap is a front-end framework that is used for creating HTML, CSS, and JS web applications. Its layout is very responsive, easy and fast to use.**

**2.What is javascript?**

JavaScript is a dynamic computer programming language. It is lightweight and most commonly used as a part of web pages, whose implementations allow client-side script to interact with the user and make dynamic pages. It is an interpreted programming language with object-oriented capabilities.

**J**avaScript is the **Programming Language** for the Web.

JavaScript can update and change both **HTML** and **CSS.**

JavaScript can **calculate**, **manipulate** and **validate** data.

**3)What is Jquery?**

jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

**2) Why Bootstrap is used for Mobile Web Development?**

It is used for Mobile Web development because it has responsive designs and templates which is easy to use.

**3) Explain the features of Bootstrap.**

* Open Source for use
* Compatibility with all browsers.
* Responsive designs
* Easy to use and fast.

**4) What do you understand by Bootstrap container?**

Bootstrap container behaves like a container where you can put HTML code and make it as a responsive and fast.

**5) How many types of layouts are there in Bootstrap?**

There are two types of layouts in Bootstrap. They are:

* Fluid Layout
* Fixed Layout

**6)Define Fluid Layout.**

Fluid Layout is useful when you need to make an app which involves the full width of the screen i.e. Fluid Layout adjusts itself according to the browser size.

**7) How can you display a code in Bootstrap?**

You can display the code in two ways i.e. by using the <code>tag and by using the <pre>tag.

**8)When will you use <code>tag and <pre>tag?**

<code>tag is used to show the code inline and <pre>tag is used to show code with multiple lines.

**9) What is a progress bar in bootstrap?**

Progress bar is used with HTML tag style in HTML element using <progress> keyword. In bootstrap we used html5 <progress> with CSS classes that have special features in bootstrap, that is only made for the progress bar.

**10)Name the contextual classes that are used with the progressive bar?**

The contextual classes used with progressive bar are as follows.

* Progress-success
* Progress-info
* Progress-warning
* Progress-danger

**11)What are responsive utility classes in Bootstrap?**

Responsive utility classes in bootstrap are a set of classes which are used to exhibit the HTML elements based on screen resolution.

Ex: “hidden-md-down”, It hides

**12) What are the different button styles in Bootstrap?**

In bootstrap there are seven styles which we can use with the bootstrap button.

* .btn-default.
* .btn-primary
* .btn-success
* .btn-info
* .btn-warning.
* .btn-danger.
* .btn-link.

**13)What are Bootstrap alerts?**

This is used to create presume alert messages, which adds style to the messages to look more noticeable to the user.

There are four classes in alerts i.e .alert-success, .alert-info, .alert-warning, .alert-danger.

**14)Define Bootstrap thumbnails.**

It is a way to use the layout images, videos, text etc. in a grid system. We can create thumbnails by adding a tag with the class. thumbnails around the image.

This will add four pixels of padding and a grey border.

**15) Explain Modal plugin in Bootstrap.**

Modal windows are created with the help of the modal plugin. It will create popup in page.

**16) Which class is used for pagination in Bootstrap?**

To add pagination on the webpage we have to use the class “.pagination” to the list items.

**17)Explain what is Bootstrap collapsing elements.**

Collapsible are useful when you want to hide and show large amount of content.

Ex:<button data-toggle="collapse" data-target="#demo">Collapsible</button>

<div id="demo" class="collapse">

Lorem ipsum dolor text....

</div>

**18) What is Bootstrap Well?**

Bootstrap well is a form of container which thrives or makes the content to look recessed on the web page. It also wraps the content by using “.well” class.

**19)Explain the uses of carousel plugin in Bootstrap.**

Carousel plugin in bootstrap is used to make sliders in the web pages. There are several carousel plugins that are used in bootstrap to display large contents within a small space by adding sliders.

**20) How can we customize links of pagination in Bootstrap?**

We can customize the links by using “.disabled” for unclickable links and “.active” for indicating the current page.

**21) How navbar works in Bootstrap?**

In bootstrap, navbar works as navigation headers for your application and site. In mobile view, navbar collapses and become horizontal as the available viewport width increases.

**22) What is Bootstrap breadcrumb?**

Bootstrap breadcrumb is an efficient way to show hierarchy-based information for a site, which can show categories or tags in a blog. They also tell the user about the current page location within a navigational hierarchy.

So, we can say that Bootstrap breadcrumb is simply an unordered list with a class of “.breadcrumb”.

**23) What are labels in Bootstrap?**

Bootstrap labels are used for offering counts, tips or other things to provide markup on web pages. To use the label in Bootstrap we use the class “.labels” to indicate the labels.

**24) What are badges in Bootstrap?**

Badges are homogeneous to labels, the main difference between them is corners are more rounded. The main work of badges in the bootstrap is to highlight new or unread items.

Ex: Add <span class=”badge”> to links.

**25) What is a jumbotron in Bootstrap?**

It is used to increase the size of headings and to add a lot of margins for landing page content. To create a jumbotron we have to create a container <div> with the class of “.jumbotron”.

**26) How can we make image responsive in Bootstrap?**

To make an image as responsive by adding a class .img-responsive to the <img> tag. This class makes the width max-width =100%; and height=auto; to the image.

**27) What are panels in Bootstrap?**

Panels are components that are used when you want to put your HTML data in a box. So, to retrieve a basic panel we just need to add class “.panel” to the <div> element. We can also add class “.panel-default” to this element.

**28) What is grid system in Bootstrap?**

By using the grid system, we can make up to 12 columns across a page. There are different classes which have been defined for grid system.

**29) What are Grid classes in the Bootstrap?**

There are four grid classes in Bootstrap. They are:

* xs (It is used for phone screens less than 786px wide).
* sm (It is used for the tablet screens which are greater than 786px wide).
* md (It is for small laptop screen of size equal to or greater than 992px wide).
* lg (It is for laptop and desktop screens which are equal to greater than 1200px wide).

**30) What are global styles used in Bootstrap Default Typography?**

In Bootstrap the global default font-size:14px and the line-height:1.428. The default font changes to Helvetica and Arial are with sans-serif fallback and all these styles are applicable for both body and all paragraphs.

**31) What dependencies does Bootstrap require to work properly?**

jQuery is the only dependency that bootstrap requires for working properly and this is only for JavaScript plugins (Modal, Dropdown, Collapse, Carousel) in bootstrap.

**32) What is the difference between Bootstrap and Foundation?**

Bootstrap supports less and it allows the designing and development for both mobile and desktop.

Foundation supports sass processors and it is used only for mobile UI designing.

**33) What are Glyphicons in Bootstrap?**

With help of Glyphicons we can use the icon simply anywhere in your code.

Ex:<span class=”glyphicon glyphicon-search”></span>

**34)What is the difference between col-\*-offset-\*, col-\*-push-\*, col-\*-pull-\*?**

offset: It will force neighboring columns to move with column size mentioned.

Ex: col-md-offset-3 =>It will create space and force element to 3 grid columns before the html element.

pull: It pull the element to left side with the column size and overlapped with before element.

Ex: col-md-pull-3=>It will pull the element to left side of 3 grid columns.

push: It push the element to right with the column size and overlapped with after element.

Ex: col-md-push-3=>It will push the element to right side of 3 grid columns.