|  |  |
| --- | --- |
| **Bootstrap Interview Questions** |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Q1:* Explain Bootstrap?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  | **Entry** | |

Bootstrap is a platform for web development that is based on front-end framework and creates exceptional responsive designs. It is fast, easy and has multiple templates designed using HTML, and CSS. These templates are used for forms, tables, buttons, typography, modals, tables, navigation, carousels and images. Bootstrap also has Javascript plugins, which are optional. Bootstrap is preferred for developing mobile web applications.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@onlineinervie...](https://medium.com/@onlineinerview/latest-interview-questions-on-twitter-bootstrap-2018-e21be64ecf00) | |  | |
| ***Q2:* Explain what is Bootstrap?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  | **Entry** | |

Bootstrap is CSS/Javascript framework for building the rich web applications with minimal effort. This framework emphasis more on building mobile web applications.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@alisonbenhar](https://medium.com/@alisonbenhar/learn-bootstsrap-interview-questions-from-mindmajix-11ae577ac806) | |  | |
| ***Q3:* Explain the two codes that are used for code display in Bootstrap?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

There are two simple ways to display a code in Bootstrap:

* <code> tag: In case you wish to display an inline code
* <pre> tag: In case you have a code with several lines or even a block element

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@onlineinervie...](https://medium.com/@onlineinerview/latest-interview-questions-on-twitter-bootstrap-2018-e21be64ecf00) | |  | |
| ***Q4:* What are the types of layout available in Bootstrap?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

In Bootstrap there are two types of Layout available

* Fluid Layout: Fluid layout is used when you want to create a app that is 100% wide and use up all the width of the screen
* Fixed Layout: For a standard screen you will use fixed layout (940 px) option

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@alisonbenhar](https://medium.com/@alisonbenhar/learn-bootstsrap-interview-questions-from-mindmajix-11ae577ac806) | |  | |
| ***Q5:* What global styles are applied as a part of Bootstrap’s default typography?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

Bootstrap sets the global default font-size to 14px, with a line-height of 1.428. The default font is changed to Helvetica and Arial with sans serif fallback.

All these styles are applied to the <body> and all paragraphs, with the addition that <p> (paragraphs) receive a bottom margin of half their computed line-height, which is 10px by default.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [toptal.com](https://www.toptal.com/twitter-bootstrap/interview-questions) | |  | |
| ***Q6:* Explain why you prefer Bootstrap for website development?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

Bootstrap has features that are way better than other web development platforms. It provides an extensive browser support for almost every known browser such as Opera, Chrome, Firefox, Safari etc. With adequate knowledge of CSS and HTML, web development becomes easy on Bootstrap. Also, it supports mobile applications with the help of responsive design. It can adjust CSS as per the device, screen size etc. Instead of creating multiple files, it creates only a single file, which reduces any extra effort by the developer.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@onlineinervie...](https://medium.com/@onlineinerview/latest-interview-questions-on-twitter-bootstrap-2018-e21be64ecf00) | |  | |
| ***Q7:* What are the key components of Bootstrap?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

In total, there are five key components of Bootstrap i.e. **CSS** (multiple CSS files), **Scaffolding (**essential for the basic system that consist of Grid system, background and link styles), **Layout Components:** (shares a list of all layouts), **JavaScript Plugins** (includes jQuery and JavaScript plugins) and **Customization**(Allows customization of all components for a desired framework)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@onlineinervie...](https://medium.com/@onlineinerview/latest-interview-questions-on-twitter-bootstrap-2018-e21be64ecf00) | |  | |
| ***Q8:* How many types of layout are available in Bootstrap?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

There are two major layouts for Bootstrap i.e. Fluid Layout and Fixed Layout. Fluid layout is necessary for creating an app that is 100 % wider and covers all the screen width. Fixed Layout is used only for a standard screen (940px). Both layouts can be used for creating a responsive design.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@onlineinervie...](https://medium.com/@onlineinerview/latest-interview-questions-on-twitter-bootstrap-2018-e21be64ecf00) | |  | |
| ***Q9:* Why do we use Jumbotron in Bootstrap?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

*Jumbotron* has a very basic function in bootstrap i.e. highlighting a content. It could either be a slogan/uvp (unique value proposition) or probably a headline. It increases the heading size and gives a margin for content of the landing page. In order to implement Jumbotron in a Bootstrap use:

<div class=”jumbotron”>

Jumbotron can have any valid HTML along with other functions and classes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@onlineinervie...](https://medium.com/@onlineinerview/latest-interview-questions-on-twitter-bootstrap-2018-e21be64ecf00) | |  | |
| ***Q10:* What is Twitter Bootstrap?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

Bootstrap is a sleek, intuitive, and powerful mobile first front-end framework for faster and easier web development. It uses HTML, CSS and Javascript.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@alisonbenhar](https://medium.com/@alisonbenhar/learn-bootstsrap-interview-questions-from-mindmajix-11ae577ac806) | |  | |
| ***Q11:* Explain why to choose Bootstrap for building the websites?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

There are few reason why we choose Bootstrap for building websites

* Mobile Support: For mobile devices it provides full support in one single file rather than in separate file. It supports the responsive design including adjusting the CSS based on the different types of device, size of the screen etc. It reduces extra effort for developers.
* Easy to learn: Writing application in bootstrap is easy if you know CSS and HTML
* Browser Support: It supports all the popular browsers like Firefox, Opera, Safari, IE etc.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@alisonbenhar](https://medium.com/@alisonbenhar/learn-bootstsrap-interview-questions-from-mindmajix-11ae577ac806) | |  | |
| ***Q12:* What is the procedure to create Nav elements in Bootstrap?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

There are several styling navigation elements available on bootstrap and every style uses the same function i.e. class .nav. In order to create tabs or a tabular navigation, you can begin with a simple or rather basic unordered list using the function class .nav. To add the tabs the function class .nav-tabs can be used.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@onlineinervie...](https://medium.com/@onlineinerview/latest-interview-questions-on-twitter-bootstrap-2018-e21be64ecf00) | |  | |
| ***Q13:* What are Glyphicons?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

Glyphicons are icon fonts which you can use in your web projects. Glyphicons Halflings are not free and require licensing, however their creator has made them available for Bootstrap projects free of cost.

To use the icons, simply use the following code just about anywhere in your code. Leave a space between the icon and text for proper padding.

<span class="glyphicon glyphicon-search"></span>

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@alisonbenhar](https://medium.com/@alisonbenhar/learn-bootstsrap-interview-questions-from-mindmajix-11ae577ac806) | |  | |
| ***Q14:* When to use "lead" in Bootstrap?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

To add some emphasis to a paragraph, add class .lead. This will give you larger font size, lighter weight, and a taller line height.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@alisonbenhar](https://medium.com/@alisonbenhar/learn-bootstsrap-interview-questions-from-mindmajix-11ae577ac806) | |  | |
| ***Q15:* Explain the typography and links in Bootstrap.** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

Bootstrap sets a basic global display (background), typography, and link styles:

* **Basic Global display** − sets *background-color: #fff;* on the
* **Typography** − uses the *@font-family-base*, *@font-size-base*, and *@line-height-base* attributes as the typographic base
* **Link styles** − sets the global link color via attribute *@link-color* and apply link underlines only on *:hover*.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@alisonbenhar](https://medium.com/@alisonbenhar/learn-bootstsrap-interview-questions-from-mindmajix-11ae577ac806) | |  | |
| ***Q16:* How do you make images responsive?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

Bootstrap 3 allows to make the images responsive by adding a class .img-responsive to the <img> tag. This class applies max-width: 100%; and height: auto;to the image so that it scales nicely to the parent element.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@alisonbenhar](https://medium.com/@alisonbenhar/learn-bootstsrap-interview-questions-from-mindmajix-11ae577ac806) | |  | |
| ***Q17:* What is missing for a tooltip to show properly?** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

Consider:

<button type="button" class="btn btn-default" data-toggle="tooltip" data-placement="top" title="Example tooltip">Hover over me</button>

What is missing for a tooltip to show properly?

**Answer**

Bootstrap’s Tooltip plugin is not CSS-only, like other plugins are. For performance reasons, the Tooltip plugin is opt-in, and to use it you must initialize it using JavaScript with the following example code:

$(function () {

$('[data-toggle="tooltip"]').tooltip();

});

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [medium.com/@alisonbenhar](https://medium.com/@alisonbenhar/learn-bootstsrap-interview-questions-from-mindmajix-11ae577ac806) | |  | |
| ***Q18:* What will be the output of the following HTML code** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |

**Consider:**

<ul class="list-unstyled">

<li>Item 1</li>

<li>Item 2</li>

<ul>

<li>Nested item 2.1</li>

<li>Nested item 2.2</li>

<li>Nested item 2.3</li>

</ul>

<li>Item 3</li>

</ul>

What will be the output of the following HTML code?

**Answer:**

If we apply .list-unstyled to a list, it will remove the default list-style and left margin on the list items. But *only* for the immediate children. Main list items will be without any style, and nested list items will still have default unordered nested list-style.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | link | [toptal.com](https://www.toptal.com/twitter-bootstrap/interview-questions) | |  | |
| ***Q19:* What is a list group in Bootstrap and where does it finds its application?** |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q20:* Explain Modal plugin in Bootstrap?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Mid** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q21:* What is a Bootstrap Container?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Mid** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q22:* What do you mean by Bootstrap collapsing elements?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Mid** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q23:* Why do we use Bootstrap Carousel plugin?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Mid** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q24:* What is the role of media object in Bootstrap and how many types are available?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Mid** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q25:* What are the key components of Bootstrap?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Mid** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q26:* What is the step-wise procedure for creating basic or vertical forms?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Mid** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q27:* What is the difference between the following two lines of code? Explain your answer.** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Mid** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q28:* What will be the default Bootstrap look of the alert created with this following code?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Mid** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q29:* Explain what the following code does, and where they are useful** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Mid** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q30:* What do you mean by Bootstrap "well"?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Mid** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q31:* What is the role of pagination in bootstrap and what are their classifications?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Mid** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q32:* What is screen reader in bootstrap documentation?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Senior** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q33:* Consider the HTML code snippet below. What will the output be, and why?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Senior** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q34:* What is Normalize in Bootstrap?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Senior** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q35:* How can you differentiate between Bootstrap and Foundation?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Senior** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q36:* Explain column ordering in Bootstrap?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Senior** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q37:* How many different media queries are used by the Bootstrap grid system by default?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  | lock |  | **Senior** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Q38:* What is the class sr-only used for? Is it important or can I remove it?** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Add to PDF/md** |  |  |  | lock |  | **Expert** | |