

## Bootstrap Interview Questions

---

edureka!

**edureka!**

## 1. Define Bootstrap and explain the features of Bootstrap?

Bootstrap is a framework used for front end development like creating HTML, CSS, and JS web applications. It fastens the process of creating responsive layouts and is easier to use. It mainly focuses on mobile applications by creating UI and design templates like Dropdown, Forms, Buttons, Alerts Tab, etc. Some of its essential features are:

- Bootstrap is free and open-source for use.
- Bootstrap has compatibility with all browsers.
- It has Responsive designs.
- Easy to use and fast.

## 2. What are the different button styles in Bootstrap?

Bootstrap provides seven types of styles that can be with bootstrap button class. They are:

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

## 3. What is the grid system in Bootstrap, and what are Grid classes in the Bootstrap?

The grid system uses a series of containers, rows, and columns that divide the page into 12 columns, which can be used to layout and align the web page's content. It also provides different classes to build a responsive page based on the grid system. Grid classes are used to specify the size of a screen to display different UI for different screen sizes. There are four grid classes in Bootstrap such as:

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

#### 4. How many types of layout are available in Bootstrap?

Bootstrap provides two containers to control the responsive layout of your webpage. They are:

- I. **Fluid Layout-** This layout is used to create an app that covers 100% width of the screen. It will continuously resize whenever the browser's width is changed. The container-fluid class is considered as a fluid layout.
- II. **Fixed Layout-** This layout is used to create an app that covers a specific width of a screen. It will remain the same no matter what screen resolution the visitor has and will see the same width as other visitors. There will always be empty space on both sides. The container class is considered as a fixed layout.

#### 5. How do you make images responsive?

In Bootstrap, you can make images responsive by adding the ".img-responsive" class to the <img> tag. This class set CSS properties like **max-width: 100%;** and **height: auto;** to the image so that it scales nicely with the parent element. You can alternately use media queries as well to make images responsive.

#### 6. What are glyphicons? How to use them?

Glyphicons are icon fonts used in your web projects. Glyphicons Halflings are paid and require licensing. However, their creator has made them freely available for Bootstrap projects. To use them, you have to use the following code just about anywhere in your code. It is important to leave a space between the icon and text for proper padding.

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

#### 7. What are bootstrap panels?

A panel in Bootstrap is nothing but a bordered box that contains some padding around its content. It can be created with the help of the ".panel" class, and it comprises three components: panel-heading, panel-body, and panel-footer. To create a basic panel, you need to add the ".panel" class to the <div> element and add the class ".panel-default" to the element.

#### 8. What is button group and which class is used for the basic button group?

The Button group stacks multiple buttons together on a single line. It can be used to place items like alignment buttons together. In Bootstrap, the **".btn-group"** class is used to wrap the series of buttons with the **".btn"** class in **".btn-group"**.

## 9. What is order in Flexbox?

Flexbox is considered as a one-dimensional layout for laying out items in either rows or columns. Order provides utilities that can control the *visual* order of specific flex items by mentioning their place in a layout, such as an item first or last, as well as a reset to use the DOM order. Since it takes an integer value (e.g., class = "order-5 p-2"), custom CSS for any additional values needed.

## 10. What is align content?

Align-content is a property that allows you to align flex items *together* on the cross axis. Its value can be initial (browser's default value), center, end, around, or stretch. To apply this property, it is mandatory that flex items are wrapped in a flex-wrap.

## 11. Difference between grid system and Flexbox in CSS?

Grid system and Flexbox works in the same way, but flexbox layout is designed for a one-dimensional layout, which means it can either be a row or a column. In contrast, the grid system is designed for two-dimensional layouts which means it can have rows and columns at the same time.

edureka!