

Bootstrap Basic & Advanced

Q.1 What are the advantages of Bootstrap?

Ans: The primary advantage of Bootstrap is its focus on responsiveness. Its grid system provides pre-defined sizes for different viewport resolutions across multiple devices such as laptops, monitors, tablets and smartphones. Bootstrap is available as open-source software, you can download the complete source with its build tools to modify the core functionality. This customisation allows many developers to create custom themes and templates available on online Bootstrap marketplaces.

Q.2 What is a Bootstrap Container, and how does it work?

Ans: Bootstrap Containers are the most basic layout element in Bootstrap. Bootstrap Containers are very essential and basic building blocks of bootstrap that wrap a page's content. It's responsible for setting and aligning content within it according to viewport or given device. Containers are defined within the container class (.container).

Q.3 What are the default Bootstrap text settings?

Ans: Bootstrap's global default text-size is 14px, with a line-height of 1.428.

Q.4 What do you know about the Bootstrap Grid System?

Ans: Bootstrap's grid system uses a series of containers, rows, and columns to layout and align content. It's built with flexbox and is fully responsive.

Bootstrap's grid system allows up to 12 columns across the page. Bootstrap's grid system is responsive, and the columns will re-arrange depending on the screen size

Q.5 What is the difference between Bootstrap 4 and Bootstrap 5

Ans: The form elements in Bootstrap 4 have defaulted to the browser-provided view. However, in Bootstrap 5, the form elements have a custom design that enables them to have a consistent look and feel in all browsers.

Bootstrap 4 has five levels: xs, sm, md, lg, and xl. Bootstrap 5 has six levels: xs, sm, md, lg, xl, and xxl.

Bootstrap 4 provides a few colors for a web page. Extra colors insert into the looks, and the card's color palette was upgraded. There are a variety of colors to pick from the Bootstrap 5 framework.

Q.6 What is a Button Group, and what is the class for a basic Button Group?

Ans: Button Group is a series of buttons together on a single line with the button group, and super-power them with JavaScript.

.btn-group class is used for basic button group.

Q.7 How can you use Bootstrap to make thumbnails?

Ans: A thumbnail is a small image that represents a larger image. Bootstrap has an easy way to do this with thumbnails. Bootstrap's .thumbnail class is used to show linked images in grids (grid system), a thumbnail is created using class .thumbnail within the element <a>. The class .col-sm-* and .col-md-* (where * represent number), it is used to create grids of the images.

Q.8 In Bootstrap 4, what is flexbox?

Ans: In Bootstrap 4, the FlexBox is Layout Module, makes it easier to design flexible responsive layout structure without using float or positioning.

Q.9 How can one create an alert in Bootstrap?

Ans: Alerts are created with the .alert class.

followed by one of the four contextual classes .alert-success, .alert-info, .alert-warning or .alert-danger

Q.10 What is a bootstrap card and how would you create one?

Ans: Bootstrap's cards provide a flexible and extensible content container with multiple variants and options. Bootstrap card is a flexible and extensible content container. It includes options for headers and footers, a wide variety of content, contextual background colors, and powerful display options.

Bootstrap card example:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Document</title>

  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css">

</head>

<body>
```

```
<div class="card" style="width: 18rem;">

  

  <div class="card-body">

    <h3 class="card-title">Richard Taylor</h3>

    <p class="card-text">Some quick example text</p>

    <a href="#" class="btn btn-primary">See Profile</a>

  </div>

</div>

</body>

</html>
```