**1. What are the advantages of Bootstrap?**

**Ans:**

Responsive system

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.

Reusable

Since Bootstrap contains an extensively tested library of pre-defined classes with elegant styles, you can add features to your website without coding each one separately.

Customisable

Since Bootstrap is available as open-source software, you can download the complete source with its build tools to modify the core functionality.

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

**Ans:**  Containers are a fundamental building block of Bootstrap that contain, pad, and align your content within a given device or viewport. Containers are the most basic layout element in Bootstrap and are required when using our default grid system. Containers are used to contain, pad, and (sometimes) center the content within them. While containers can be nested, most layouts do not require a nested container.

**3. What are the default Bootstrap text settings?**

**Ans:** Bootstrap 5 uses a default font-size of 1rem (16px by default), and its line-height is 1.5.

In addition, all <p> elements have margin-top: 0 and margin-bottom: 1rem (16px by default).

**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.

**5. What is the difference between Bootstrap 4 and Bootstrap 5?**

**Ans:**

|  |  |
| --- | --- |
| Bootstrap 4 | Bootstrap 5 |
| The Bootstrap 4 form has jquery. | The jquery is not utilized in Bootstrap 5. |
| Bootstrap 4 has less collection of colors. | Has vibrant and more colors available. |
| Browsers restrictions. | Bootstrap 5 improved the browser restriction. |
| It has 5 tier grid system. | It has 6 tier grid system. |
| The APIs cannot be customized. | Allows modifying APIs or develop own API. |
| The positioning feature is absent. | Columns can be positioned. |
| Less CSS usability. | More CSS properties also customized properties. |
| Bootstrap 4 provides normal form layout with no advance features. | Provides advance and attractive features to make forms. |
| No themes customization. | Provides theme customization. |
| Small icon collection. | Large icon collection. |

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

**Ans:** “Button Groups” in Bootstrap is a class of name “btn-group” which is used to create series of buttons in groups (without spaces) vertically or horizontally.

This is the basic syntax of the button group class where each button has its own class of “btn”.

<div class="btn-group">

<button type="button" class="btn">Click</button>

</div>

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

**Ans:** Thumbnail Image: 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>.

**8. In Bootstrap 4, what is flexbox?**

**Ans:** The Flexible Box Layout Module, makes it easier to design flexible responsive layout structure without using float or positioning.

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

**Ans:** Bootstrap provides an easy way to create predefined alert messages:

Alerts are created with the .alert class, followed by one of the four contextual classes .alert-success, .alert-info, .alert-warning or .alert-danger:

**10. What is a bootstrap card?**

**Ans:** A card in Bootstrap 5 is a bordered box with some padding around its content. It includes options for headers, footers, content, colors, etc.