**What are the advantages of Bootstrap?**

* **Responsive Design:** It's built with a mobile-first approach, ensuring your site looks good on various devices.
* **Pre-styled Components:** Bootstrap offers a plethora of pre-styled components like buttons, forms, navigation bars, etc., saving time in development.
* **Consistency:** Provides a consistent design language across the site.
* **Grid System:** Offers a powerful grid system for creating responsive layouts.
* **Customizable:** It can be customized based on project needs by overriding default styles.

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

* A Bootstrap container is a class that wraps and contains the site's content.
* It provides a fixed-width container for placing site elements.

Containers have different sizes , for different screen sizes.

.container

.container-sm

.container-md

.container-lg

.container-xl

.container-fluid

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

* Bootstrap provides utility classes to modify text properties such as size, alignment, weight, etc.

**Examples**

.text-left

.text-right,

.text-center

.text-uppercase,

.text-lowercase

.text-muted

etc.

**What do you know about the Bootstrap Grid System?**

* Bootstrap's grid system is based on a 12-column layout.
* It allows developers to create responsive layouts using classes like .col, .row, and different breakpoint-specific classes like .col-md-6 for medium-sized screens and .col-lg-4 for large screens.

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

* Bootstrap 5 introduced some changes and updates over Bootstrap 4,
* such as dropping jQuery as a dependency, adding new utility classes, updating component styles, and emphasizing custom CSS variables for more flexibility in customization.

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

* A button group in Bootstrap is a set of buttons grouped together.
* The class for a basic button group is .**btn-group**.
* It's useful for grouping related buttons for better visual organization.

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

* Bootstrap provides the .img-thumbnail class to style images as thumbnails.
* It adds a border and padding around the image to give it a thumbnail-**like** appearance.

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

* Bootstrap 4 heavily utilizes Flexbox
* a layout model in CSS3, for its grid system and many components.
* It helps in creating flexible and responsive layouts.

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

* To create an alert in Bootstrap, you can use the .alert class along with variations
* .alert-success, .alert-info, .alert-warning, and .alert-danger to represent
* different types of alerts.

**What is a bootstrap card and how would you create one?**

* A Bootstrap card is a flexible and extensible content container.
* It allows for displaying various types of content, including images, text, links, etc.
* To create a basic card, you use the .card class.