**Module 8) Bootstrap Basic & Advanced**

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

* Bootstrap offers a wide range of pre-built components, such as navigation bars, forms, buttons, and more, saving you time and effort in coding from scratch. Bootstrap is easy to learn and implement, making it accessible to both beginners and experienced developers.

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

* In Bootstrap, container is used to set the content's margins dealing with the responsive behaviors of your layout. It contains the row elements and the row elements are the container of columns (known as grid system). The container class is used to create boxed content.

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

* Bootstrap 4 Default SettingsBootstrap 4 uses a default font-size of 16px, and its line-height is 1.5. The default font-family is "Helvetica Neue", Helvetica, Arial, sans-serif.

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

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

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

* 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 includes jquery and all associated plug-ins. Jquery has been deleted and replaced with vanilla JS and several functional plug-ins in Bootstrap 5.

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

* “Button Groups” in Bootstrap is a class of name “btn-group” which is used to create a series of buttons in groups (without spaces) vertically or horizontally. Syntax: This is the basic syntax of the button group class where each button has its own class of “btn”.

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

* Step 1: You need to update the anchor tag to a new div tag, which has . thumbnail as a class. Step 2: In this div tag, we can add any media or text. This div tag is used for a span-based naming convention for sizing.

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

* Flexbox. The biggest difference between Bootstrap 3 and Bootstrap 4 is that Bootstrap 4 now uses flexbox, instead of floats, to handle the layout. The Flexible Box Layout Module, makes it easier to design flexible responsive layout structure without using float or positioning.

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

* Be sure you've loaded the alert plugin, or the compiled Bootstrap JavaScript.
* If you're building our JavaScript from source, it requires util.js .
* Add a dismiss button and the .alert-dismissible class, which adds extra padding to the right of the alert and positions the close button.

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

* To create Bootstrap cards, you need to understand the card class and its customizations and layouts. A basic Bootstrap card consists of a . card class with the . card-body class, allowing you to add text, images, links, and other Bootstrap elements within a rounded border.