Module (Bootstrap basic & Advanced)-6

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

**Ans.** Advantages of Bootstrap: Responsive design, Easy to use, Components, Saving time, Support Javascript & CSS, Include major components, Mobile first approach, Large community etc.

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

**Ans.** A Bootstrap container is a fundamental layout component in Bootstrap, a popular front-end framework for building responsive web designs. Containers help to structure and align your content within a webpage.

**Ex.** Default Containers, Responsive Containers, Fluid Containers

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

**Ans.** Bootstrap default font-size is 14px, with a line-height of 1.5. This is applied to the <body> element and all paragraphs (<p>). In addition <p> elements have a bottom margin that equals half their computed line-height.

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

**Ans.** Bootstrap’s grid system is a responsive layout tool that uses containers, rows, and columns to organize and align content. It’s built with flexbox and scales up to 12 columns as the viewport size increases.

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

**Ans.** Bootstrap introduced several key changes and improvements over Bootstrap 4. Here are some of the main differences:  
1. Improved Grid System

2. Costomizable Forms

3. Utilities API

4. New Components

5. Updated Icons

6. Changes to modals and alerts

These updates make Bootstrap 5 more modern and efficient while offering developers enhanced tools for building responsive web applications.

1. **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 a series of buttons in groups vertically or horizontally.

**Ex**. <div class=”btn-group”>

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

</div>

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

**Ans.** Creating thumbnails with Bootstrap is straightforward and involves using the grid system and card components. Here’s a simple guide to help you create responsive thumbnails:

**Step-1** First, include Bootstrap in your HTML file. You can use a CDN.

**Step-2** Inside the <div class=”container”>, you can use Bootstrap’s grid system to create a row of thumbnails.

**Step-3** We can add various col properties for making our page responsive, like col-sm-6 or col-md-3.

**Step-4** You needed to create an anchor tag <a>, with a class name- .thumbnail wrapped around an image tag.

**Step-5** Now that we have created a simple thumbnail in HTML using Bootstrap, we can customize and add any content on the screen to make it look much better.

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

**Ans.** In Bootstrap 4, flexbox is a layout method that uses the flexible box layouts Module to arrange items in rows or columns.

**Ex.** Container, Items, Direction, Alignment, Width, Grow, Order, Margin, Wrap.

1. **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.

**Ex.** <div class=”alert alert-success”>

<strong> Success </strong> Indicates a successful or positive action.

</div>