

Module: - 6

(Bootstrap Basic & Advance)

Q-1 What are the advantages of Bootstrap?

Ans: - There are following below advantages of bootstrap.

- Easy to prevent repetitions among multiple projects
- Responsive design that can be used to adapt screen sizes and choose what shows and what doesn't on any given device
- Maintaining consistency among projects when using multiple developer teams
- Quick design of prototypes
- Cross-browser compatibility

Q-2 What is a Bootstrap container, and how does it work?

Ans: - 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.

Q-3 What are the default Bootstrap text settings?

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

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. Below is an example and an in-depth look at how the grid comes together.

Q-5 What is the difference between Bootstrap4 and Bootstrap5?

Ans: - Bootstrap 5 includes custom form controls. Bootstrap 4's form controls used whatever presets were available in each browser. The form controls in Bootstrap 5 will have a

significantly more consistent appearance and feel across all browsers due to their custom design.

Q-6 What is Button Group, and the class for 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”.

```
- Syntax : <div class="btn-group">  
            <button type="button" class="btn">Click</button>  
        </div>
```

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

Ans: - Step 1: The first step is to include the Bootstrap and jQuery CDN into the head tag before having CSS's stylesheets.

Step 2: We need to create a div tag in our HTML body. We will create three div sections for each image in this div tag.

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

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

Q-8 In Bootstrap 4, what is flexbox?

Ans: - In Bootstrap 4, flex box is used to control the layout and alignment specification of Bootstrap 4 components. This box makes it easier to design flexible responsive layout structures without using float or positioning attributes.

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

Ans: - The .alert class followed by contextual classes are used to display the alert message on website. The alert classes are: .alert-success, .alert-info, .alert-warning, .alert-danger, .alert-primary, .alert-secondary, .alert-light and .alert-dark. We can use .alert-warning to create warning notification alerts in bootstrap.

```
- E,g.    <div class="alert alert-warning" role="alert">  
            A simple warning alert—check it out!  
        </div>
```

Q-10 What is a Bootstrap card and would you create one?

Ans: - open card.html