MODULE: 6 (Bootstrap Basic & Advance)

(1) What are the advantages of Bootstrap?

-->1. Easy initiation.

Coding is a hurricane task for a person who is unbeknownst to web development. But the greatest use of Bootstrap in web development is it makes coding hassle-free. Bootstrap handles everything for you. Despite having no extensive knowledge of coding, one can design an enticing landing page using Bootstrap. The only criterion is to have moderate experience of CSS and HTML. Alongside this, the integration process of Bootstrap is easy on existing and newer websites. In your current CSS, you can incorporate diverse platforms, frameworks, elements of Bootstrap without any hassles.

2. Responsiveness.

Statistics highlight over 6.4 billion smartphone users worldwide. This study infers smartphone penetration of over 80 percent. And the numbers do not stop here; in fact, they are rising rapidly. Due to this extensive demand, having a mobile-responsive website has become a prerequisite, and this task is a cakewalk with Bootstrap by your side. It has a fluid grid layout, which adapts as per the screen resolution.

3. Highly customizable

You can find an array of templates in Bootstrap. However, if you find them unappealing, you can concoct your customization using the CSS file. Besides, if you cannot spare time to start everything from scratch, you can blend the customization with the existing code and enhance the functionality. All this can be undertaken under the customization page.

4. Top-notch support

5.Extremely user-centric

6.Cross-browser compatibility

7.JavaScript plugins to your rescue

8.Far-reaching popularity

(2)What is a Bootstrap Container, and how does it work?

-->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?

-->Bootstrap 4 Default Settings

Bootstrap 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. 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?

-->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.

(5) What is the difference between Bootstrap 4 and Bootstrap 5 ?

-->Colors in Bootstrap 4 are restricted. Custom form controls are included in Bootstrap 5. The form controls in Bootstrap 4 used whatever presets each browser offered. Because of its bespoke design, the form controls in Bootstrap 5 will have a much more uniform appearance and feel across all browsers.

(6)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 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".

(7)How can you use Bootstrap to make thumbnails?

-->img-thumbnail class. Image Thumbnails: In Bootstrap 4, the image thumbnail is a border surrounded by the image. To create this image thumbnail you can use the . img-thumbnail class.

(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.