MODULE: 6 (Bootstrap Basic & Advance)

(1)What are the advantages of Bootstrap?

* Easy to use
* Responsive features
* Mobile-first approach
* Browser compatibility

(2)What is a Bootstrap container & how does it work?

* Containers are a fundamental building block of bootstrapthat contain, pad & align your content within a given device or viewport.
* Containers are the most basic layout element in Bootstrap & required when using our default grid system.
* There are 3 types of container classes available in Bootstrap

(1)default container(container)

(2)Responsive container(along with sm,md,lg,xl,xxl)

(3)Fluid-Container (container-fluid)

(3)What are the default Bootstrap text settings?

* Default font-size : 16px & it’s line-height : 1.5
* Default font-family :Helvetica, Arial, sans-serif
* All <p> elements have margin-top:0 & margin-bottom:1rem

(4)What do you know about the Bootstrap Grid system?

* Bootstrap grid system uses a series of containers, rows & columns to layout and align content.

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

| **BASIS OF** | **BOOTSTRAP 4** | **BOOTSTRAP 5** |
| --- | --- | --- |
| **Grid System** | It has 5 tier (xs, sm, md, lg, xl). | It has 6 tier (xs, sm, md, lg, xl, xxl). |
| **Color** | It has limited colors. | Extra colors added with the looks, A card improved color palette. there are various shades available to choose. |
| **Jquery** | It has jquery and all related plugins. | Jquery is removed and switched to vanilla JS with some working plugins |
| **Internet Explorer** | Bootstrap 4 supports both IE 10 and 11. | Bootstrap 5 doesn’t support IE 10 and 11. |
| **Form elements** | Radio buttons, checkboxes have different look in different OS and browsers. The form uses whatever default browsers provide. | The look of form elements will not change, on different OS or browser. The forms can be customized and form controls can be added, they would not depend on browser. |
| **Utilities API** | We cannot modify utilities in bootstrap 4 | Bootstrap 5 gave freedom to modify and also create our own utility |
| **Gutter** | We use .glutter with fontsize in px | We use .g\* with fontsize in re |
| **Navbar** | We have inline-block property and we will get white dropdown as default for dropdown- menu-dark class. | Inline-block property is removed and we will get black dropdown as default for dropdown-menu-dark class. |

(6)What is a button group & what is the class for basic button group?

* Button groups allow multiple buttons to be stacked together on a single line.
* This class is used for a basic button group.wrap a series of buttons with class .btn & .btn-group
* <div class=”btn-group”></div>

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

* A thumbnail is a small image that represent a larger image (when clicked on) & is often recognized with border around it.
* Use an <img> element & wrap an <a> elements around it.

(8)In Bootstrap 4, what is flexbox?

* Flexbox is used to control the layout & alignment specificationof bootstrap 4 components.This box makes it easier to design flexible responsive layout structureswithout using float or positioning attributes.

(9)How can one create an alert in Bootstrap?

* Alert created with .alert class, followed by one of four contextual classes .alert-success, .alert-info,.alert-warning & .alert-danger.

(10)What is a Bootstrap card & how would you create one?

* A card is a flexible & extensible content container.it includes options for headers & footers, a vide variety of content, contextual background colors & powerful display options.
* It replaces the use of panels,wells & thumbnail. All of it can be used in a single container called card.