***Module (Bootstrap Basic & Advanced)***

1. What are the advantages of Bootstrap?

Ans:The Benefits of Using Bootstrap Framework

**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.

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.

3.What are the default Bootstrap text settings?

Ans: 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?

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.

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

Ans: Bootstrap is a free framework that is used to create responsive websites using a mobile-first strategy more quickly and easily. It is open-sourced framework. 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?

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”.

7. How can you use Bootstrap to make thumbnails?

Ans: Step 1: Include Bootstrap and jQuery CDN into the <head> tag before all other stylesheets to load our CSS. Step 2: Add <div> tag in the HTML body with class row. In that <div> create four div sections to create four images. Step 3: Add “col-sm-6” and “col-md-3” to four div sections which creates webpage responsive

8. In Bootstrap 4, what is flexbox Bootstrap?

Ans: 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.

9.How can one create an alert in bootstrap?

Ans:<div class="alert alert-primary" role="alert">

This is a primary alert—check it out!

</div>

<div class="alert alert-secondary" role="alert">

This is a secondary alert—check it out!

</div>

<div class="alert alert-success" role="alert">

This is a success alert—check it out!

</div>

<div class="alert alert-danger" role="alert">

This is a danger alert—check it out!

</div>

<div class="alert alert-warning" role="alert">

This is a warning alert—check it out!

</div>

<div class="alert alert-info" role="alert">

This is a info alert—check it out!

</div>

<div class="alert alert-light" role="alert">

This is a light alert—check it out!

</div>

<div class="alert alert-dark" role="alert">

This is a dark alert—check it out!

</div>

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

Ans: A card is **a flexible and extensible content container**. It includes options for headers and footers, a wide variety of content, contextual background colors, and powerful display options. If you're familiar with Bootstrap 3, cards replace our old panels, wells, and thumbnails.