# MODULE: 6 (Bootstrap Basic & Advance)

# 1.What are the advantages of Bootstrap?

Speed of Development Undoubtedly one of the biggest advantages of using Bootstrap is the speed of development. If you’re looking to push out a new website or application quickly, you should definitely consider using Bootstrap. Rather than coding from scratch, Bootstrap enables you to utilize read made blocks of code to help you get started.

# 2.What is a Bootstrap Container, and how does it work?

Bootstrap requires a containing element to wrap site contents. Containers are used to pad the content inside of them, and there are two container classes available: The container class provides a responsive fixed width container

Containers are a fundamental building block of Bootstrap that contain, pad, and align your content within a given device or viewport. How they work Default container Responsive containers Fluid containers Sass How they work Containers are the most basic layout element in Bootstrap and are required when using our default grid system.

# 3.What are the default Bootstrap text settings?

Bootstrap's Default Settings Bootstrap's global default font-size is 14px, with a l line-height of 1.428. This is applied to the element and all paragraphs ( ).

# 4.What do you know about the Bootstrap Grid System?

Grid systems are used for creating page layouts through a series of rows and columns that house your content. Here's how the Bootstrap grid system works − Rows must be placed within a .container class for proper alignment and padding. Use rows to create horizontal groups of columns.

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

Bootstrap 4: In Bootstrap 4 the form controls were using whatever defaults each browser provided.

Bootstrap 5: In Bootstrap 5 the form controls will offer much more consistent look and feel in all browsers due to its custom design.

# 6.What is a Button Group, and what is the class for a basic Button Group?

Button groups allow multiple buttons to be stacked together on a single line. This is useful when you want to place items like alignment buttons together. You can add on optional JavaScript radio and checkbox style behavior with Bootstrap Button Plugin.

btn classes are used with the element to create the basic button using Bootstrap. The buttons in bootstrap are used in forms, dialogs, etc. Button Groups in Bootstrap: In Bootstrap, button groups has group of buttons together on a single line.

# 7.How can you use Bootstrap to make thumbnails?

A lot of sites need a way to lay out images, videos, text, etc, in a grid, and Bootstrap has an easy way to do this with thumbnails. To create thumbnails using Bootstrap −

Add an <a> tag with the class of**. Thumb nail** around an image.

This adds four pixels of padding and a gray border.

On hover, an animated glow outlines the image.

# 8.In Bootstrap 4, what is flexbox?

Bootstrap 4 Flexbox stands for the flexible box. It is a new layout mode of CSS3 which is named as CSS Flexible Box Layout Module. This cutting-edge CSS layout system is a powerful tool that makes it simple to design layouts for unknown or dynamic screen sizes.

# 9.How can one create an alert in Bootstrap?

Red alert. Indicates a dangerous or potentially negative action Indicates a closable alert box. Together with the close class, this class is used to close the alert (adds extra padding)

**Alerts**

Bootstrap provides an easy way to create predefined alert messages:

[**×**](https://www.w3schools.com/bootstrap/bootstrap_alerts.asp)**Success!** This alert box indicates a successful or positive action.

[**×**](https://www.w3schools.com/bootstrap/bootstrap_alerts.asp)**Info!** This alert box indicates a neutral informative change or action.

[**×**](https://www.w3schools.com/bootstrap/bootstrap_alerts.asp)**Warning!** This alert box indicates a warning that might need attention.

[**×**](https://www.w3schools.com/bootstrap/bootstrap_alerts.asp)**Danger!** This alert box indicates a dangerous or potentially negative action.

Alerts are created with the .alert class, followed by one of the four contextual classes .alert-success, .alert-info, .alert-warning or .alert-danger:

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

A card in Bootstrap 5 is a bordered box with some padding around its content. It includes options for headers, footers, content, colors, etc. Some example text some example text. John Doe is an architect and engineer A basic card is created with the .card class, and content inside the card has a .card-body class.