

# Bootstrap Basic & Advance

## 1. What are the 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

## 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 5 uses a default font-size of 1rem (16px by default), and its line-height is 1.5. 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.

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

- The form elements in Bootstrap 4 have defaulted to the browser-provided view. However, in Bootstrap 5, the form elements have a custom design that enables them to have a consistent look and feel in all browsers. The new form controls are based on completely semantic, standard form controls.

## 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. This class is used for a basic button group.

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

- Add an `<a>` tag with the class of `.thumbnail` 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?

- Flexbox is used to quickly manage the layout, alignment and sizing of grid columns, navigation, components, and more with a full suite of responsive flexbox utilities. You can also do complex implementations using custom CSS. Flexbox Properties: Enable flex behaviors.

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

- 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 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.