* What are the advantages of Bootstrap?

It creates responsive websites with an easy, functional and stylish framework that saves the web developer time and work from coding and recoding simple elements that are used across most web projects.

Bootstrap framework is focused on simplifying web development with many benefits that make it advantageous compared with other options. Some of its benefits include:

* Responsive Grid
* Responsive Images
* Pre-designed components
* Templates
* Cross-browser compatibility
* What is a Bootstrap Container, and how does it work?

A bootstrap container generates a central region on the page where we can put our site content. The bootstrap .container has the advantage of being responsive and containing all of our other HTML code. Containers are used to pad the content within them, and there are two types of containers:

1. .container class creates a fixed-width container that is responsive.
2. .container-fluid class creates a full-width container that spans the entire viewport width.

* What are the default Bootstrap text settings?

In Bootstrap every version having different default value like Bootstrap 5 uses a default font-size of 1rem (16px by default), and its line-height is 1.5.

And all <p> elements have margin-top: 0 and margin-bottom: 1rem (16px by default).

• What do you know about the Bootstrap Grid System?

Bootstrap's grid system is built with flexbox and allows up to 12 columns across the page.

There are six classes in the Bootstrap 5 grid system:

.col- (extra small devices - screen width less than 576px)

.col-sm- (small devices - screen width equal to or greater than 576px)

.col-md- (medium devices - screen width equal to or greater than 768px)

.col-lg- (large devices - screen width equal to or greater than 992px)

.col-xl- (xlarge devices - screen width equal to or greater than 1200px)

.col-xxl- (xxlarge devices - screen width equal to or greater than 1400px)

• What is the difference between Bootstrap 4 and Bootstrap 5 ?

Bootstrap 4

Grid System - 5 tier grid system(xs, sm, md, lg, xl).

Color - It has limited colors.

Jquery - It has jQuery along with all the related plugins

Bootstrap Icons - Bootstrap 4 doesn’t have its own SVG icons.

Bootstrap 5

Grid System - 6 tier grid system(xs, sm, md, lg, xl, xxl).

Color - Extra colors have been added with the looks.

Jquery - Jquery is removed and it has switched to vanilla JS with some working plugins.

Bootstrap Icons - Bootstrap 5 has its own SVG icons.

• What is a Button Group, and what is the class for a basic Button Group?

Multiple buttons can be placed together on a single line using button groups. We can use this to group objects together, such as alignment buttons.

The .btn-group class is used for basic button groups. We can use the class .btn to wrap a set of buttons in .btn-group.

• How can you use Bootstrap to make thumbnails?

By adding .thumbnail class in image . It adds rounded corners to an image

• In Bootstrap 4, what is flexbox?

Flexbox is a layout module for flexible boxes. Without using float or positioning, you can quickly create a flexible layout design with flexbox.

• How can one create an alert in Bootstrap?

In bootstrap 5 Alerts are created with the .alert class, followed by one of the contextual classes .alert-success, .alert-info, .alert-warning, .alert-danger, .alert-primary, .alert-secondary, .alert-light or .alert-dark

• 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.

A basic card is created with the .card class, and content inside the card has a .card-body class ,

We can also use .card-header class adds a heading to the card and the .card-footer class adds a footer to the card.

<div class="card">  
 <div class="card-header">Header</div>  
 <div class="card-body">Content</div>  
 <div class="card-footer">Footer</div>  
</div>