

Bootstrap Assignment

1. What are the advantages of Bootstrap?

-> Easy to prevent repetitions among multiple projects.

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

-> In Bootstrap, container is used to set the content's margins dealing with the responsive behaviors of your layout.

3. What are the default Bootstrap text settings?

-> Bootstrap 4 uses a default font-size of 16px, and its line-height is 1.5.

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.

5. What is the difference between Bootstrap 4 and 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
Jquery is removed and switched
plugins.
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
The look of form elements will
different look in different OS and
not change, on different OS or
browsers. The form uses
be customized and form controls
whatever default browsers provide.
can be added, they would
not depend on browser.

browser. The forms can

Utilities API We cannot modify utilities in
Bootstrap 5 gave freedom to
bootstrap 4
modify and also create our own

utility

Gutter We use .glutter with fontsize in px
We use .g* with fontsize in rem

Vertical Classes Columns can be positioned relative
Columns cannot be positioned relative

Bootstrap Icons Bootstrap 4 doesn't have its own
Bootstrap 5 have its own SVG icons

SVG icons, we have to use font-awesome for icons.

Jumbotron It supports. It
doesn't support jumbotron.

Card deck The card deck is used to create
Card deck class in removed in bootstrap
an isset of cards with equal width

and height.

Navbar We have inline-block property

Inline-block property is

and we will get white
removed and we will get black

dropdown as default for dropdown
dropdown as default for

-menu-dark class.
dropdown-menu-dark class.

Static Site Bootstrap 4 uses Jekyll software.

Bootstrap 5 uses Hugo software

Generator
as it is fast static site generator.

flexbox grid this makes easier to implement
advanced grid system is made

vertical designs, and the columns available , also columns don't

and rows can easily be have relative positions.

implemented. the classes justify-center-content can directly be used to align according to the requirement.

RTL Support It does not enable RTL(Right to Left) It enables RTL(Right to Left) switching.

switching.

Offcanvas It does not support Offcanvas Component. It supports Offcanvas Component(that is it is available now).

Component

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

->“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.

7.How can you use Bootstrap to make thumbnails?

->Bootstrap - Thumbnails

1.Add an <a> tag with the class of . thumbnail around an image.

2.This adds four pixels of padding and a gray border.

3.On hover, an animated glow outlines the image.

8.In Bootstrap 4, what is flexbox?

->Flexbox. The biggest difference between Bootstrap 3 and Bootstrap 4 is that Bootstrap 4 now uses flexbox, instead of floats, to handle the layout.

9.How can one create an alert in Bootstrap?

->Here's how:

1.Be sure you've loaded the alert plugin, or the compiled Bootstrap JavaScript.

2. Add a close button and the

3. On the close button, add the `data-bs-dismiss="alert"` attribute, which triggers the

JavaScript functionality....

4. To animate alerts when dismissing them, be sure to add the

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

-> A card is a flexible and extensible content container.