BOOTSRAP ASSIGNMENT

1. What are advantages of bootstrap ?

Ans. Bootstrap is a popular open-source front-end framework that to allows developers to create responsive and mobile-friendly web application Easly and quickly.

Advantages of use to Bootstrap :

1. Responsive Website
2. Ease to use
3. Customization
4. Time Efficiency
5. Gride System
6. What Is a Bootstrap container , and how dose it work ?

Ans. A Bootstrap container is a fundamental layout element used to wrap and contain the content within a web page. It is a responsive container that adjusts its width based on the screen size or viewport.

Container is a Element of Bootstrap. It Wrap the content of the web page, and its width adjusts based on the screen size. This helps in creating a responsive design , ensuring that the content looks good on large screen and smaller screens.

1. What are the default Bootstrap text settings ?

Ans. Bootstrap provide utility classes for styling text in various ways. These classes can be applied to HTML element to control the text’s appearance.

Here Some Bootstrap default classes related Text :

1.Text-Aligment :

1. text-center
2. text-left
3. text-right
4. text-justify

2.Text-Transformation :

1. text-lowercase

2. text-uppercase

3. text-capitalize

3. Font-Weight :

1. font-weight-bold

2. font-weight-normal

4. Text-Color :

1. text-primery

2. text-secondery

5. Text-Size :

1. text-sm

2. text-md

3. text-lg

4. text-xl

4. What do you know about the Bootstrap gride system ?

Ans. The Bootstrap gride system is a responsive , mobile-first gride system that allows developer to create flexible and responsive layout for web page. It is one of key features of the Bootstrap framework and is based on a 12-column layout.

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

Ans.

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| --- | --- | --- |
|  | BOOTSTRAP 4 | BOOTSTRAP 5 |
| Gride System | It has 5 tier (xs , sm, md,xl) |  |
| Color | It has limited color | Extra colors added with the looks. |
| Utilities Api | We cannot modify utilities in. | We can modify and also create our own utility. |
| Gutter | We use .gutter with font-size in px. | We use .g\* with font-size in rem |
| Bootstrap Icons | Dose not its own SVG icons. | Have its own SVG icons. |
| Jumbotron | It Supports. | It Dose not supports. |
| Navbar | We have inline-block property and we will get  White dropdown as default for dropdown-menu-dark class. | Inline-block property is removed and we will get back dropdown as default for dropdown-menu-dark class. |

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

Ans. A Button Group in Bootstrap is a group of buttons that are visually connected.

Here some button group example

1. btn-primary
2. btn-success
3. btn-secondary

7. How can you use Bootstrap to make thumbnails ?

Ans. In Bootstrap can use “ Thumbnails ” class to create image thumbnails. Thumbnails are smaller version of image that can be use to showcase in gride or display images in a compact format.

8. In Bootstrap 4 , what is flexbox ?

Ans. In Bootstrap 4 , the flexbox layout is a key component use for building flexible and responsive layout. The Bootstrap 4 gird system itself is built on top Flexbox, providing a powerful and responsive gid structure for laying out content. With Flexbox, you can easily create both row and column-based layout.

Here are some key concepts for Flexbox in the content of Bootstrap 4 :

1. Flex Container and Items :

Flex-Container Properties : d-flex , d-inline-block

1. Flex Direction :

Flex Direction Properties : d-flex flex-column , d-flex flex-row

1. Justify content :

Justify Content Properties : justify-content-start , justify-content-end

justify-content-center

1. Align items :

Align items Properties : align-item-center , align-item-start , align-item-start

1. Flex Wrap :

Flex Wrap Properties : Flex Wrap : .Flex-no-Wrap , Flex-Wrap

9. How Can one create an alert in Bootstrap ?

Ans. In Bootstrap create alerts using the “ .alert ” class along with contextual classes to define the visual style of the alert () , e.g., success, danger , warning.

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

Ans. In Bootstrap, a card is a flexible and extensible content container. It's a container component that you can use to organize and present various types of content, such as images, text, links, and more, in a structured and visually appealing way. Cards are commonly used to showcase information in a grid or a list format.