Bootstrap

1) What are the advantages of Bootstrap?
   - Easy initiation
   - Easy responsiveness
   - Highly customize
   - Extremely user-centric
   - Cross browser compatibility
   - Readymade available JavaScript plugins
   - Fast and time saving

2) What is a Bootstrap Container, and how does it work?
   - Container are a fundamental building block of Bootstrap that contain pad and align your content within a given device or viewport.
   - It is most basic layout element in bootstrap and are required when using our default grid system.
     There are 3 different container :
       o container
       o container-{breakpoint}
       o container-fluid

3) What are the default Bootstrap text settings?
   - Font-size = 1rem (16px)
   - Line-height = 1.5
   - In <p> tag = margin-top : 0 and margin-bottom : 1rem
   - Font-family = system-ui
   - Heading tag = margin-top : 0 and margin-bottom : 0.5rem

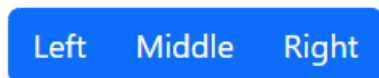4) What do you know about the Bootstrap Grid System?
   - Grid system is powerful mobile-first flexbox grid to built layouts of all shapes and sizes.
   - It give 12 column system and six default responsive tiers and dozens of predefined classes.
   - It uses a series of container, rows and columns to layout and align content.
   - Its built with flexbox and it fully responsive.

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

Bootstrap4	Bootstrap5
It has 5 responsive tiers.	It has 6 responsive tiers.
It has limited colors.	Extra colors added. Various shades available to choose.
It has jquery and all related plugins.	Jquery removed and switched to vanilla JS with some working plugins.
It doesn't have its own SVG icons.	Its have its own SVG icons.
It support jumbotron.	It doesn't support jumbotron.
It support both IE 10 and 11.	It doesn't support IE 10 and 11.
Some form element depend on browser.	Some form element is not depend on browser. in all browser it interface are same.

6) What is a Button Group, and what is the class for a basic Button Group?
   - It is a series of button together on a single line or stack them in a vertical column.


```
<div class="btn-group" role="group" aria-label="Basic example">
  <button type="button" class="btn btn-primary">Left</button>
  <button type="button" class="btn btn-primary">Middle</button>
  <button type="button" class="btn btn-primary">Right</button>
</div>
```

7) How can you use Bootstrap to make thumbnails?
   - We can set img-thumbnail class in <img> tag.
   - It can apply light gray border around the image.
   -

8) In Bootstrap 4, what is flexbox?
   - Use to control the layout and alignment specification of bootstrap 4 components. This box makes it easier to design flexible responsive layout structure without using float or positioning attributes.

9) How can one create an alert in Bootstrap?
   - Using alert class we can create alert.
   - For ex,

```
<div class="alert alert-primary" role="alert">
    A simple primary alert—check it out!
</div>
```

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, display option.

```
<div class="card" style="width: 18rem;">
  <img src="..." class="card-img-top" alt="...">
  <div class="card-body">
    <h5 class="card-title">Card title</h5>
    <p class="card-text">Some quick example text to build on the card
title and make up the bulk of the card's content.</p>
    <a href="#" class="btn btn-primary">Go somewhere</a>
  </div>
</div>
```