

FRONT-END

ASSIGNMENT

MODULE :- 6 (Bootstrap Basic & Advance)

1. What is the advantage of Bootstrap?

- Easy initiation.
- Responsiveness.
- Highly customizable.
- Extremely user-centric.
- Cross-browser compatibility.
- JavaScript plugins to your rescue.

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

Bootstrap is a front-end framework. Containers are nothing they are just two Bootstrap classes. Bootstrap has two container classes -

.container-fluid - Container-fluid covers the whole width of the viewport.

.container - The container has the fixed responsive width of the viewport providing some padding from the left and right sides of the viewport.

3. What are the default Bootstrap text settings?

Bootstrap 4 uses a default font **size of 16px**, and its **line height is 1.5**. The default **font family is "Helvetica Neue", Helvetica, Arial, and sans-serif**. 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 a flexbox and is fully

responsive.

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

BOOTSTRAP 4:-

Grid System in 5 tiers (xs, sm, md, lg, xl).

jQuery and all related plugins.

In limited colors.

Bootstrap 4 doesn't have its own SVG icons, we have to use Font-Awesome for icons.

BOOTSTRAP 5:-

Grid System in tiers (xs, sm, md, lg, xl, xxl).

jQuery is removed and switched to vanilla JS with some working plugins.

Extra colors were added to the looks, A card improved the color palette.

Bootstrap 5 has its own SVG icons.

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 a series of buttons in groups (without spaces) vertically or horizontally. This is the basic syntax of the button group class where each button has its own class of **"btn"**.

7. How can you use Bootstrap to make thumbnails?

Image Thumbnails: In Bootstrap 4, the image thumbnail is a **border surrounded** by the image. To create this image thumbnail you can use the **.img-thumbnail** class.

8. In Bootstrap 4, what is flexbox?

Bootstrap 4 now **uses flexbox, instead of floats, to handle the layout**. The Flexible Box Layout Module makes it easier to design a flexible responsive layout structure without **using float or positioning**.

9. How can one create an alert in Bootstrap?

```
<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?

```
<!DOCTYPE html>  
  
<html lang="en">  
  
<head>  
  
<meta charset="UTF-8">  
  
<meta http-equiv="X-UA-Compatible" content="IE=edge">  
  
<meta name="viewport" content="width=device-width, initial-scale=1.0">  
  
<!-- Bootstrap css -->  
  
<link href="https://cdn.jsdelivr.net/npm/bootstrap@  
5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-  
1BmE4kWBq78iYhFIdvKuhf  
TAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"  
crossorigin="anonymous">  
  
<!-- Bootstrap js -->  
  
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@  
2.10.2/dist/umd/popper.min.js" integrity="sha384-7  
+zCNj/IqJ95wo16oMtfSKbZ9ccEh31eOz1HgyDuCQ6wgnyJNS  
YdrPa03rtR1zdB" crossorigin="anonymous"></script>  
  
<script src="https://cdn.jsdelivr.net/npm/bootstrap@  
5.1.3/dist/js/bootstrap.min.js" integrity="sha384-  
QJHtvGhmr9XOIpl6YVutG+  
2QOK9T+ZnN4kzFN1RtK3zEFEIsxhlmWl5/YESvpZ13"
```

```
crossorigin="anonymous"></script>

<title>Cart</title>

</head>

<body>

    <!-- card start -->

    <div class="card w-25 bg-dark bg-opacity-25">

        <!-- card img -->

        

        <!-- card body -->

        <div class="card-body">

            <h4 class="card-title">John Doe</h4>

            <p class="card-text">Lorem, ipsum dolor sit amet
consectetur adipisicing elit. Dolorum maiores adipisci
libero? Molestias commodi aut obcaecati expedita.</p>

            <a href="" class="btn btn-primary">See Profile</a>

        </div>

    </div>

</body>

</html>
```



John Doe

Lorem, ipsum dolor sit amet consectetur
adipiscing elit. Dolorum maiores adipisci
libero? Molestias commodi aut obcaecati
expedita.

[See Profile](#)