(1). What are the advantages of Bootstrap?

Responsive Design, Time-Saving, Customizable, Consistency, Cross-Browser Compatibility

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

container: This class creates a responsive fixed-width container.

                <div class="container">

                  <div class="carousel-caption">

                    <h1>Another example headline.</h1>

                    <p>Some representative placeholder content for the second slide of the carousel.</p>

                    <p><a class="btn btn-lg btn-primary" href="#">Learn more</a></p>

                  </div>

container-fluid: This class creates a full-width container that spans the entire width of the viewport.

<div class="container-fluid">

              <a class="navbar-brand" href="#">Carousel</a>

              <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarCollapse" aria-controls="navbarCollapse" aria-expanded="false" aria-label="Toggle navigation">

                <span class="navbar-toggler-icon"></span>

              </button>

(3). What do you know about the Bootstrap Grid System.?

The Bootstrap Grid System is a powerful and responsive grid-based layout system. It's one of the core components of Bootstrap and is based on a 12-column grid layout.

12-column Grid: Bootstrap's grid system is divided into 12 columns across the page.

<div class="container">

  <div class="row">

      <div class="col-md-6">Column 1</div>

      <div class="col-md-6">Column 2</div>

  </div>

</div>

(4). What are the default Bootstrap text settings? Bootstrap sets the default font family to use system fonts or commonly available fonts like Arial, Helvetica, etc. and The default font size for the base text is typically set to 16px.

<div class="container">

  <h1>Display Headings</h1>

  <h1 class="display-1">Display 1</h1>

  <h1 class="display-2">Display 2</h1>

  <h1 class="display-3">Display 3</h1>

  <h1 class="display-4">Display 4</h1>

</div>

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

| **BOOTSTRAP 4** | **BOOTSTRAP 5** |
| --- | --- |
| It has 5 tier (xs, sm, md, lg, xl). | It has 6 tier (xs, sm, md, lg, xl, xxl). |
| It has limited colors. | Extra colors added with the looks, A card improved color palette. there are various shades available to choose. |
| It has jquery and all related plugins. | Jquery is removed and switched to vanilla JS with some working plugins |
| Bootstrap 4 supports both IE 10 and 11. | Bootstrap 5 doesn’t support IE 10 and 11. |
| Radio buttons, checkboxes have different look in different OS and browsers. The form uses whatever default browsers provide. | The look of form elements will not change, on different OS or browser. The forms can be customized and form controls can be added, they would not depend on browser. |
| We cannot modify utilities in bootstrap 4 | Bootstrap 5 gave freedom to modify and also create our own utility |

(6). What is a Button Group, and what is the class for a basic Button Group? a Button Group is a feature that allows you to group multiple buttons together in a single line or a cohesive unit.

<div class="btn-group" role="group" aria-label="Basic example">

  <button type="button" class="btn btn-primary">Button 1</button>

  <button type="button" class="btn btn-secondary">Button 2</button>

  <button type="button" class="btn btn-success">Button 3</button>

</div>

(7). How can you use Bootstrap to make thumbnails?

Thumbnails can be created by using cards with images inside them.

<div class="col-md-4 mb-3">

  <div class="card">

    <img src="https://via.placeholder.com/300" class="card-img-top" alt="Thumbnail Image 2">

    <div class="card-body">

      <h5 class="card-title">Thumbnail 2</h5>

      <p class="card-text">Description for thumbnail 2.</p>

    </div>

(8). In Bootstrap 4, what is flexbox?

In Bootstrap 4, flexbox is a CSS layout model used extensively throughout the framework to create flexible and responsive layouts. Flexbox, short for Flexible Box Layout,

(9). How can one create an alert in Bootstrap?

alerts to provide important messages or notifications to users.

<div class="container mt-4">

  <!-- Success Alert -->

  <div class="alert alert-success" role="alert">

    check your details.

  </div>

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

In Bootstrap, a card is a flexible and extensible content container that allows you to display various types of content, such as text, images, links, and more, within a structured layout

 <div class="card mt-3 bg-success-subtle" style="width: 18rem;">

        <img

          src="https://rukminim2.flixcart.com/image/312/312/xif0q/computer/v/c/a/-original-imagfdfpnjjpdhq2.jpeg?q=70"

          class="card-img-top" alt="...">

        <div class="card-body">

          <h5 class="card-title">APPLE 2022 MacBook AIR Apple M2</h5>

          <a href="https://www.flipkart.com/apple-2022-macbook-air-m2-8-gb-256-gb-ssd-mac-os-monterey-mly13hn-a/p/itm2e7b5e998f058?pid=COMGFB2GBKDVYBDD&lid=LSTCOMGFB2GBKDVYBDDM2PGFI&marketplace=FLIPKART&q=macbook+air+m2&store=6bo%2Fb5g&srno=s\_1\_1&otracker=AS\_QueryStore\_OrganicAutoSuggest\_2\_3\_na\_na\_ps&otracker1=AS\_QueryStore\_OrganicAutoSuggest\_2\_3\_na\_na\_ps&fm=search-autosuggest&iid=e8af1a24-a1fe-4cf8-9464-e9940337a6e0.COMGFB2GBKDVYBDD.SEARCH&ppt=pp&ppn=pp&ssid=eie85lk9cg0000001704392312826&qH=5be12f29ec3566a"

            class="btn btn-primary">about info</a>

        </div>