1. What are the advantages of Bootstrap?

Ans: Saving time.

* Less effort because providing ready-made components.
* To enable responsive development of mobile website.
* It is easy to learn and use due to clear documentation, intuitive syntax, pre build components, and supportive community.

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

Ans: Bootstrap container is used to set the container’s margins dealing with the responsive behaviors of your layout. It contains the row elements and the row elements are the container of columns. The container class is used to create boxed content.

* Default Container : In Default container, .container class is a responsive, fixed-width container, Meaning its max-width changes at each breakpoint.
* Responsive Container : Responsive container allows you to specify a class that is 100% wide until the specified breakpoint is reached, after which we apply max-width for each of the higher breakpoints.
* Fluid Container : use .container-fluid for a full width container, spanning the entire width of the viewport.

1. What are the default Bootstrap text settings?

Ans: Bootstrap default settings are.

* <h1><h6> : HTML heading with a bolder font-wight and an increased font-size.
* Display Heading : it is used to stand out more than the normal headings. .display-1, .display-2, .display-3, .display-4.
* <small> : HTML <small> element is used to create a lighter, secondary text in any heading.
* <mark> : with a yellow background a color and some padding.
* <abbr> : dotted border bottom.
* <blockquote> : quoting blocks of content from another source.
* <dl>, <code>, <kbd>, <pre> tec…

1. What do you know about the Bootstrap Grid System?

Ans: Bootstrap’s grid system uses a series of containers, rows, and columns to layout and align content. It’s built with flexbox and is fully responsive.

Container provide a means to center and horizontally pad your sites content.

Bootstrap uses ems or rems for defining most sizes, pxs are used for grid breakpoints and container widths.

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

Ans: Bootstrap 4 :- It uses Jekyll software

* It can not support Offcanvas component.
* It supports Jumbotron.
* Columns can be positioned relatively.
* It has limited colors

Bootstrap 5 :- It uses Hugo Software

* It supports Offcanvas Components.
* It does not support Jumbotron.
* Columns cannot be positions relative.
* Improves color palette. Various colors available.

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

Ans: 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.

Syntex: <div class=”btn-group”>

<button type=”button” class=”btn”> Click Me</button>

</div>

1. How can you use Bootstrap to make thumbnails?

Ans: To create thumbnails using Bootstrap –

* Add an <a> tag with the class of .thumbnail around an image.
* This adds four pixels of padding a gray border.
* On hover, an animated glow outlines the image.

1. In Bootstrap 4, what is flexbox?

Ans: Bootstrap 4 uses flexbox instead of floats to handle the layout.

The Flexbox Box layout module, makes it easier to design flexible responsive layout structure without using float or positioning.

To create a flexbox container and to transform direct children into flex items, use the d-flex class.

1. How can one create an alert in Bootstrap?

Ans: Alerts are created with the .alert class, followed by the four contextual classes.

1. .alert-success.
2. .alert-info.
3. .alert-warning.
4. .alert-danger.

Add the alert-link class to any links insode the alert box to create “matching colors link”.

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

Ans: A card is flexible and extensible content container. It includes options for header and footers, a wide variety of content, contextual background colors, and powerful display options.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"

        integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">

</head>

<body>

       <div class="card" style="width: 18rem;">

        <img class="card-img-top" src="Money\_heist.jpg" alt="Card image cap">

        <div class="card-body">

          <h5 class="card-title">Professor(Sergio)</h5>

          <p class="card-text">“I’m A Thief. Son Of A Thief. Brother Of A Thief. I Hope Someday To Be The Father Of A Thief.”</p>

          <a href="https://money-heist.fandom.com/wiki/The\_Professor#:~:text=Sergio%20Marquina%2C%20better%20known%20as,portrayed%20by%20actor%20%C3%81lvaro%20Morte." class="btn btn-primary">Go somewhere</a>

        </div>

      </div>

</body>

</html>

Result:

