*********boostrap assignment*********

(1)What are the advantages of Bootstrap?

--> Bootstrap offers a wide range of pre-built components, such as navigation bars, forms, buttons, and more, saving you time and effort in coding from scratch. Bootstrap is easy to learn and implement, making it accessible to both beginners and experienced developers.

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

--> Containers are the most basic layout element in Bootstrap and are required when using our default grid system. Containers are used to contain, pad, and (sometimes) center the content within them. While containers can be nested, most layouts do not require a nested container.

(3)What are the default Bootstrap text settings?

--> The default font-family is "Helvetica Neue", "Helvetica", "Arial", "sans-serif".

(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 flexbox and is fully responsive.

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

--> Bootstrap 4 relies on jQuery for certain features and functionality, while Bootstrap 5 has removed this dependency, making it lighter and more modern.

--> Bootstrap 4 has five levels like xs, sm, md, xl, and lg. And Bootstrap 5 has six levels like xs, sm, md, xl, lg and xxl.

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

--> Bootstrap is a class of name "btn-group" which is used to create a series of buttons in groups (without spaces) vertically or horizontally.

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

-->

(8) In Bootstrap 4, what is flexbox?

--> flex box is used to control the layout and alignment specification of Bootstrap 4 components. This box makes it easier to design flexible responsive layout structures without using float or positioning attributes.

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

-->

```
<div class="alert alert-primary" role="alert">

    A simple primary alert—check it out!

</div>

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

    A simple secondary alert—check it out!

</div>

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

    A simple success alert—check it out!

</div>

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

    A simple danger alert—check it out!

</div>
```

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

-->   A basic Bootstrap card consists of a . card class with the . card-body class, allowing you to add text, images, links, and other Bootstrap elements within a rounded border.

```
<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>
```

(11) Palindrome Checker

```html
--> <!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 rel="stylesheet" href="./Palindrome.css">
</head>

<body>

    <div class="wrapper">
        <header>
            <h1>Palindrome Checker</h1>
            <p>a palindrome is a word or phrase that reads the same backwards as
forwards, e.g. level, refer.</p>
        </header>
        <div class="inputs">
            <input type="text" placeholder="Enter text or number">
            <button> Check palindrome</button>
        </div>
        <p class="info-txt"></p>
```

```
    </div>

<script src="./Palindrome.js"></script>
</body>

</html>
```

(12) Responsive Navbar

```
-->  <!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>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <div class="container-fluid">
            <a class="navbar-brand" href="#">Navbar</a>
            <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarNavAltMarkup"
                aria-controls="navbarNavAltMarkup" aria-expanded="false" aria-
label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse justify-content-end"
id="navbarNavAltMarkup">
                <div class="navbar-nav">
```

```html
                    <a class="nav-link active" aria-current="page"
href="#">Home</a>
                    <a class="nav-link" href="#">Features</a>
                    <a class="nav-link" href="#">Pricing</a>
                    <a class="nav-link disabled" href="#" tabindex="-1" aria-
disabled="true">Disabled</a>
                </div>
            </div>
        </div>
    </nav>

    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js
"
        integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
        crossorigin="anonymous"></script>
</body>

</html>
```

(3) Simple Calculator

```html
--> <!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 rel="stylesheet" href="./Calculator.css">
</head>

<body>

    <div class="container">
        <input type="text" class="display" />

        <div class="buttons">
```

```html
            <button class="operator" data-value="AC">AC</button>
            <button class="operator" data-value="DEL">DEL</button>
            <button class="operator" data-value="%">%</button>
            <button class="operator" data-value="/">/</button>

            <button data-value="7">7</button>
            <button data-value="8">8</button>
            <button data-value="9">9</button>
            <button class="operator" data-value="*">*</button>

            <button data-value="4">4</button>
            <button data-value="5">5</button>
            <button data-value="6">6</button>
            <button class="operator" data-value="-">-</button>

            <button data-value="1">1</button>
            <button data-value="2">2</button>
            <button data-value="3">3</button>
            <button class="operator" data-value="+">+</button>

            <button data-value="0">0</button>
            <button data-value="00">00</button>
            <button data-value=".">.</button>
            <button class="operator" data-value="=">=</button>
        </div>
    </div>

    <script src="./Calculator.js"></script>
</body>

</html>
```

(4) Currency converter

```html
-->  <!DOCTYPE html>

<html lang="en">

<head>
    <meta charset="UTF-8">
```

```html
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.5.1/css/all.min.css"
        integrity="sha512-
DTOQO9RWCH3ppGqcWaEA1BIZOC6xxalwEsw9c2QQeAIftl+Vegovlnee1c9QX4TctnWMn13TZye+giMm8
e2LwA=="
        crossorigin="anonymous" referrerpolicy="no-referrer" />
    <link rel="stylesheet" href="./currency-converte.css">
</head>

<body>
    <div class="wrapper">
        <header>Currency Converter</header>
        <form action="#">
            <div class="amount">
                <p>Enter Amount</p>
                <input type="text" value="1">
            </div>
            <div class="drop-list">
                <div class="from">
                    <p>From</p>
                    <div class="select-box">
                        <img src="https://flagsapi.com/US/flat/64.png"
alt="flag">

                        <select></select>
                    </div>
                </div>
                <div class="icon"><i class="fas fa-exchange-alt"></i></div>
                <div class="to">
                    <p>To</p>
                    <div class="select-box">
                        <img src="https://flagcdn.com/48x36/np.png" alt="flag">
                        <select></select>
                    </div>
                </div>
            </div>
            <div class="exchange-rate">Getting exchange rate...</div>
            <button>Get Exchange Rate</button>
        </form>
    </div>

    <script src="./currency-converte-list.js"></script>
    <script src="./script-currency.js"></script>
</body>
```

```html
</html>
```