Name:vishal singh

Roll no:12939

1) <!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>email validation</title>

</head>

<style>

    .box

    {

        border: 10px solid orchid;

            text-align: center;

            height: 500px;

            width: 700px;

            margin: auto;

            margin-top: 100px;

            background-color: lightcoral;

            border-radius: 10px;

    }

    body {

            background-color: aqua;

            text-align: center;

        }

</style>

<body>

        <div class="box">

            <h1>E-mail validation</h1>

            <label>Your Email:</label>

            <input id="in" type="text" placeholder="Your Email" autocomplete="off"><br><br>

            <button onclick="validate()" id="btn">click me</button>

            <br>

            <span id="para"></span>

    </div>

    <script>

        function validate() {

            var text = document.getElementById("in").value;

            var regx = /^[a-zA-Z0-9.\_-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;

                if (regx.test(text)) {

                    document.getElementById("para").innerHTML = "valid!!";

                    //document.getElementById("para").style.visibility = "visible";

                    //document.getElementById("para").style.color = "green";

                }

                else {

                    document.getElementById("para").innerHTML = "\*\*invalid email id";

                    // document.getElementById("para").style.visibility = "visible";

                    //document.getElementById("para").style.color = "red";

                }

        }

    </script>

</body>

</html>

2) <!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@5.0.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet"

        integrity="sha384-giJF6kkoqNQ00vy+HMDP7azOuL0xtbfIcaT9wjKHr8RbDVddVHyTfAAsrekwKmP1" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/js/bootstrap.bundle.min.js"

        integrity="sha384-ygbV9kiqUc6oa4msXn9868pTtWMgiQaeYH7/t7LECLbyPA2x65Kgf80OJFdroafW"

        crossorigin="anonymous"></script>

</head>

<body>

    <div class="container"> <br>

        <h1 class="text-success text center">Complete validation in java script</h1> <br>

        <div class="col-lg-8 m-auto d-block">

            <form action="welcome.html" onsubmit="return validation()" class="bg-light">

                <div class="form-group">

                    <label>USERNAME:</label>

                    <input type="text" name="user" class="form-control" id="user" placeholder="username"

                        autocomplete="off">

                    <span id="username" class="text-danger font-weight-bold"></span>

                </div>

                <br>

                <div class="form-group">

                    <label>PASSWORD:</label>

                    <input type="password" name="user" class="form-control" id="pass" placeholder="password"

                        autocomplete="off">

                    <span id="passwords" class="text-danger font-weight-bold"></span>

                </div>

                <br>

                <div class="form-group">

                    <label>CONFIRM PASSWORD:</label>

                    <input type="password" name="user" class="form-control" id="conpass"

                        placeholder="type again password" autocomplete="off">

                    <span id="conpasswords" class="text-danger font-weight-bold"></span>

                </div>

                <br>

                <div class="form-group">

                    <label>MOBILE:</label>

                    <input type="text" name="user" class="form-control" id="mob" placeholder="mobile number"

                        autocomplete="off">

                    <span id="mobiles" class="text-danger font-weight-bold"></span>

                </div>

                <br>

                <div class="form-group">

                    <label>EMAIL:</label>

                    <input type="text" name="user" class="form-control" id="emails" placeholder="email id"

                        autocomplete="off">

                    <span id="mails" class="text-danger font-weight-bold"></span>

                </div>

                <br>

                <input type="submit" name="submit" value="submit" class="btn btn-success">

            </form>

        </div>

    </div>

    <script>

        function validation() {

            var user = document.getElementById("user").value;

            var pass = document.getElementById("pass").value;

            var conpass = document.getElementById("conpass").value;

            var mob = document.getElementById("mob").value;

            var emails = document.getElementById("emails").value;

            if (user == "") {

                document.getElementById("username").innerHTML = "\*\*plzz fill valid data";

                return false;

            }

            if ((user.length <= 2) || (user.length > 20)) {

                document.getElementById("username").innerHTML = "\*\*user length must be 2 and 20";

                return false;

            }

            if (!isNaN(user)) {

                document.getElementById("username").innerHTML = "\*\*username must be alpahabet";

                return false;

            }

            if (pass == "") {

                document.getElementById("passwords").innerHTML = "\*\*plzz fill valid data";

                return false;

            }

            if ((pass.length <= 5) || (pass.length > 20)) {

                document.getElementById("passwords").innerHTML = "\*\*user length must be 2 and 20";

                return false;

            }

            if (pass != conpass) {

                document.getElementById("conpasswords").innerHTML = "\*\*password is not same";

                return false;

            }

            if (conpass == "") {

                document.getElementById("conpasswords").innerHTML = "\*\*plzz fill valid data";

                return false;

            }

            if (mob == "") {

                document.getElementById("mobiles").innerHTML = "\*\*plzz fill valid data";

                return false;

            }

            if (isNaN(mob)) {

                document.getElementById("mobiles").innerHTML = "\*\*plzz fill digit only";

                return false;

            }

            if (mob.length != 10) {

                document.getElementById("mobiles").innerHTML = "\*\*plzz fill 10  digit only";

                return false;

            }

            if (emails == "") {

                document.getElementById("mails").innerHTML = "\*\*plzz fill valid data";

                return false;

            }

            if(emails.indexOf("@")<=0)

            {

                document.getElementById("mails").innerHTML = "\*\*@ invalid position";

                return false;

            }

            if((emails.charAt(emails.length-4)!=".") && (emails.charAt(emails.length-3)!=".")) //from backward

            {

                document.getElementById("mails").innerHTML = "\*\*. invalid position";

                return false;

            }

        }

    </script>

</body>

</html>

3) <!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Document</title>

</head>

<style>

    .box

    {

        border: 10px solid orchid;

            text-align: center;

            height: 500px;

            width: 700px;

            margin: auto;

            margin-top: 100px;

            background-color: lightcoral;

            border-radius: 10px;

    }

    body {

            background-color: aqua;

            text-align: center;

        }

</style>

<body>

    <form action="welcome.html">

        <div class="box">

            <h1>PAN DETAILS</h1>

            <label for="pan\_number" >Enter your Pan number : </label>

            <input type="text" id="pan" placeholder="pan number"><br><br>

            <span id="card" ></span>

            <br><br>

            <input type="button" value="Submit" onclick="Validate()" />

        </div>

    </form>

    <script>

        function Validate() {

            var a = document.getElementById("pan").value;

            var b = document.getElementById("pan");

            var regex = /^[A-Z]{5}[0-9]{4}[A-Z]{1}$/;

            if (regex.test(a)) {

                document.getElementById("card").innerHTML = "Valid PAN NUMBER";

            } else {

                document.getElementById("card").innerHTML = "\*\*Invalid PAN NUMBER";

            }

        }

    </script>

</body>

</html>

4) <!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title></title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet"

        integrity="sha384-giJF6kkoqNQ00vy+HMDP7azOuL0xtbfIcaT9wjKHr8RbDVddVHyTfAAsrekwKmP1" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/js/bootstrap.bundle.min.js"

        integrity="sha384-ygbV9kiqUc6oa4msXn9868pTtWMgiQaeYH7/t7LECLbyPA2x65Kgf80OJFdroafW"

        crossorigin="anonymous"></script>

</head>

<style>

    .box {

        border: 10px solid orchid;

        text-align: center;

        height: 500px;

        width: 700px;

        margin: auto;

        margin-top: 100px;

        background-color: lightcoral;

        border-radius: 10px;

    }

    body {

        background-color: aqua;

        text-align: center;

    }

</style>

<body>

    <div class="box">

        <h1 class="text-success text center">Complete validation in java script</h1> <br>

        <div class="col-lg-8 m-auto d-block">

            <form action="#" onclick="total()">

                <label>Product name:</label>

                <input type="text" id="product" class="form-control"><br><br>

                <label>Price:</label>

                <input type="text" id="price" class="form-control"><br><br>

                <label>Quantity:</label>

                <input type="text" id="quantity" class="form-control"><br><br>

                <input type="submit" name="submit" value="submit" class="btn btn-success">

        </div>

    </div>

    <p id="para"></p>

</form>

    <script>

        function total() {

            var a = parseInt(document.getElementById("quantity").value);

            var b = parseInt(document.getElementById("price").value);

            if (a <= 5) {

                document.getElementById("para").innerHTML = "No discount apply";

                document.getElementById("para").innerHTML += " Total : " + b \* a;

            } else if (a > 5 && a < 25) {

                document.getElementById("para").innerHTML = "Only 5% discount apply";

                document.getElementById("para").innerHTML += "Total : " + parseFloat((b \* a) - ((a \* b) \* 5) / 100);

            } else if (a > 25 && a < 50) {

                document.getElementById("para").innerHTML = "Only 15% discount apply";

                document.getElementById("para").innerHTML += "Total : " + parseFloat((a \* b) - ((a \* b) \* 15) / 100);

            } else {

                document.getElementById("para").innerHTML = "Only 20% discount apply";

                document.getElementById("para").innerHTML += "Total : " + parseFloat((a \* b) - ((a \* b) \* 20) / 100);

            }

        }

    </script>

</body>

</html>

5) <!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title></title>

</head>

<style>

    .box {

        border: 5px solid orchid;

        text-align: center;

        height: 150px;

        width: 150px;

        margin: auto;

        margin-top: 100px;

        background-color:tomato;

        border-radius: 10px;

    }

</style>

<body>

    <div class="box">

        <label for="color">Select Background color: </label><br>

        <select id="bg-color" onchange="change()">

            <option value="white">White</option>

            <option value="black">BLACK</option>

            <option value="red">RED</option>

            <option value="orange">ORANGE</option>

            <option value="grey">GREY</option>

            <option value="yellow">YELLOW</option>

            <option value="violet">VIOLET</option>

        </select>

    </div>

    <script>

        function change() {

            var a = document.getElementById("bg-color").value;

            document.body.style.background = a;

        }

    </script>

</body>

</html>

6) <!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Document</title>

</head>

<body>

    <!DOCTYPE html>

    <html lang="en">

    <head>

        <meta charset="UTF-8">

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

        <link rel="stylesheet" href="style.css">

        <title></title>

    </head>

    <style>

        .box {

            border: 10px solid orchid;

            text-align: center;

            height: 500px;

            width: 700px;

            margin: auto;

            margin-top: 100px;

            background-color: lightcoral;

            border-radius: 10px;

        }

        body {

            background-color: aqua;

            text-align: center;

        }

    </style>

    <body>

        <div class="box">

            <h1>Welcome to first page</h1>

            <br><br>

            <a href="page2.html" target="\_blank">

                <button type="button" id="btn">NEXT</button>

            </a>

            <br>

            <br>

            <br>

            <br>

            <a href="page3.html" target="\_blank">

                <button type="button" id="btn">3rd page</button>

                </a>

        </div>

    </body>

    </html>

</body>

</html>

Page1.html) <!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title></title>

</head>

<body>

    <!DOCTYPE html>

    <html lang="en">

    <head>

        <meta charset="UTF-8">

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

        <link rel="stylesheet" href="style.css">

        <title>1st page</title>

    </head>

    <style>

        .box {

            border:10px solid yellow;

            text-align: center;

            height: 500px;

            width: 700px;

            margin: auto;

            margin-top: 100px;

            background-color:tan;

            border-radius: 10px;

        }

        body {

            background-color: aqua;

            text-align: center;

        }

    </style>

    <body>

        <div class="box">

            <h1>Welcome to second page</h1>

            <br><br>

            <a href="6.html" target="\_blank">

                <button type="button" id="btn">NEXT</button>

            </a>

            <br>

            <br>

            <br>

            <br>

            <a href="page2.html" target="\_blank">

                <button type="button" id="btn">3rd page</button>

                </a>

        </div>

    </body>

    </html>

</body>

</html>

Page2.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>

</head>

<body>

    <!DOCTYPE html>

    <html lang="en">

    <head>

        <meta charset="UTF-8">

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

        <link rel="stylesheet" href="style.css">

        <title></title>

    </head>

    <style>

        .box {

            border:1opx solid plum;

            text-align: center;

            height: 500px;

            width: 700px;

            margin: auto;

            margin-top: 100px;

            background-color: lightcoral;

            border-radius: 10px;

        }

        body {

            background-color:sandybrown;

            text-align: center;

        }

    </style>

    <body>

        <div class="box">

            <h1>Welcome to second page</h1>

            <br><br>

            <a href="page4.html" target="\_blank">

                <button type="button" id="btn">NEXT</button>

            </a>

            <br>

            <br>

            <br>

            <br>

            <a href="page1.html" target="\_blank">

                <button type="button" id="btn">3rd page</button>

                </a>

        </div>

    </body>

    </html>

</body>

</html>

Page3.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>

</head>

<body>

    <!DOCTYPE html>

    <html lang="en">

    <head>

        <meta charset="UTF-8">

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

        <link rel="stylesheet" href="style.css">

        <title>1st page</title>

    </head>

    <style>

        .box {

            border: 10px solid orchid;

            text-align: center;

            height: 500px;

            width: 700px;

            margin: auto;

            margin-top: 100px;

            background-color: lightcoral;

            border-radius: 10px;

        }

        body {

            background-color: aqua;

            text-align: center;

        }

    </style>

    <body>

        <div class="box">

            <h1>Welcome to third page</h1>

            <br><br>

            <a href="page2.html" target="\_blank">

                <button type="button" id="btn">PREVIOUS</button>

            </a>

            <br>

            <br>

            <br>

            <br>

            <a href="page3.html" target="\_blank">

                <button type="button" id="btn">3rd page</button>

                </a>

        </div>

    </body>

    </html>

</body>

</html>

Page4.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>

</head>

<body>

    <!DOCTYPE html>

    <html lang="en">

    <head>

        <meta charset="UTF-8">

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

        <link rel="stylesheet" href="style.css">

        <title>1st page</title>

    </head>

    <style>

        .box {

            border: 10px solid blanchedalmond;

            text-align: center;

            height: 500px;

            width: 700px;

            margin: auto;

            margin-top: 100px;

            background-color:violet;

            border-radius: 10px;

        }

        body {

            background-color:silver;

            text-align: center;

        }

    </style>

    <body>

        <div class="box">

            <h1>Welcome to fourth page</h1>

            <br><br>

            <a href="page2.html" target="\_blank">

                <button type="button" id="btn">PREVIOUS</button>

            </a>

            <br>

            <br>

            <br>

            <br>

            <a href="page3.html" target="\_blank">

                <button type="button" id="btn">3rd page</button>

                </a>

        </div>

    </body>

    </html>

</body>

</html>

External css) style.css

    #btn {

        background-color:coral;

        border: none;

        color:wheat;

        padding: 15px 32px;

        text-align: center;

        display: inline-block;

        font-size: 16px;

        border-radius: 12px;

        margin: auto;

        box-shadow: 2px 3px 5px 8px;

        cursor: pointer;

      }

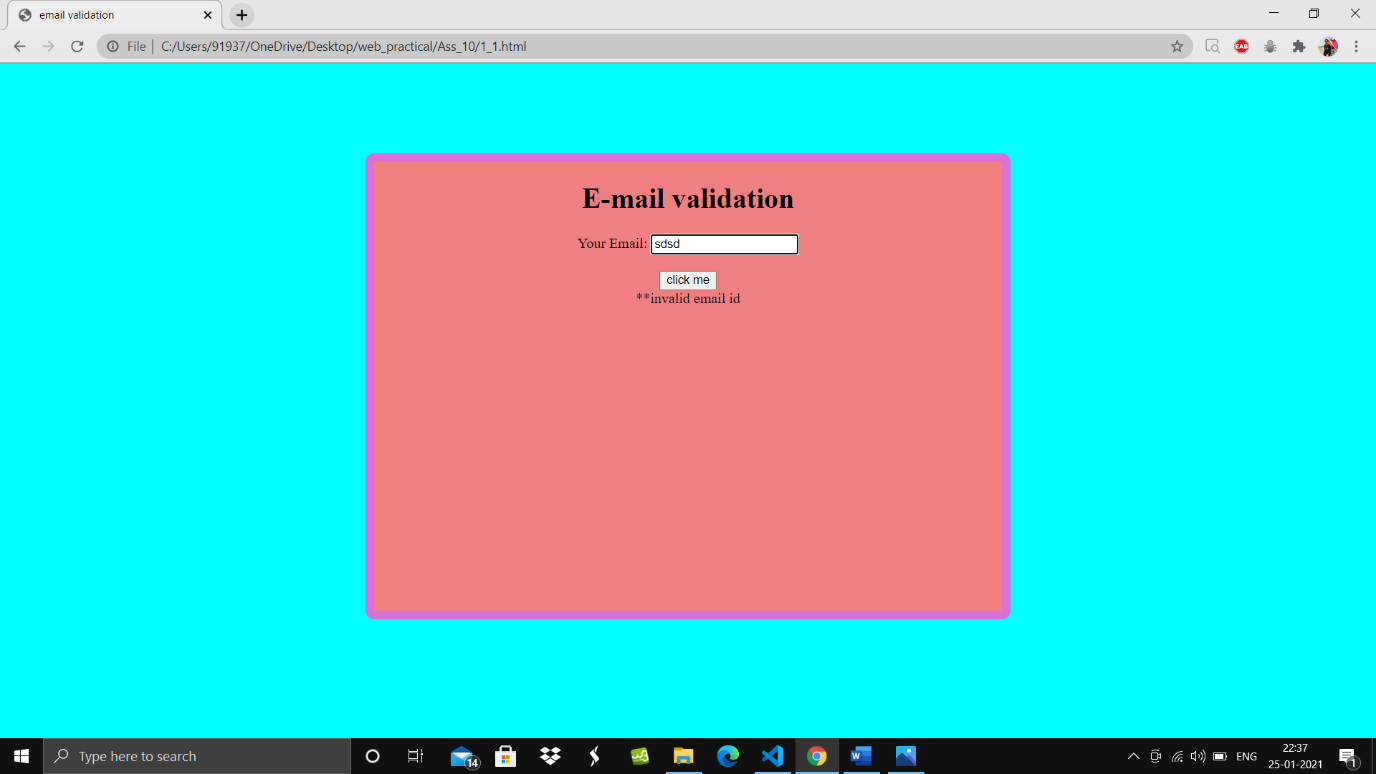
#btn:hover

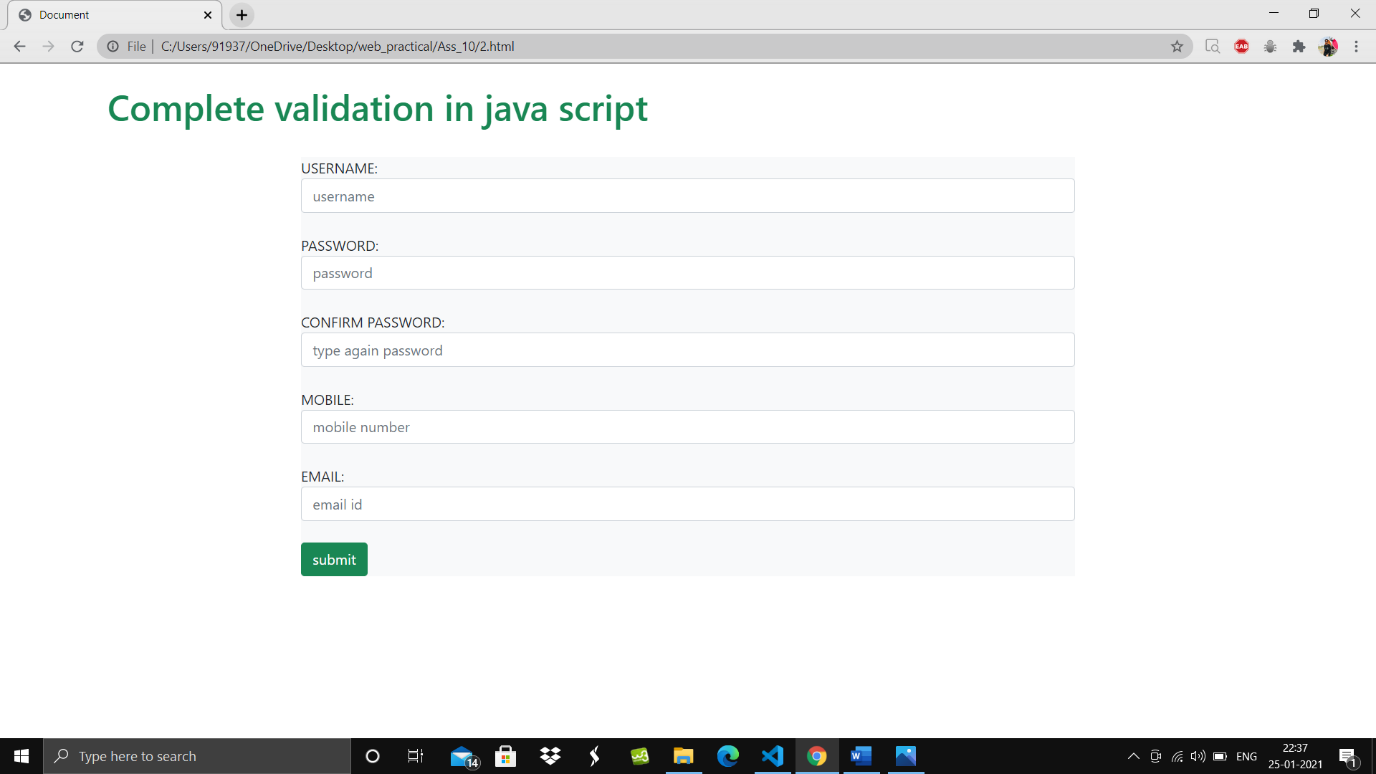
{

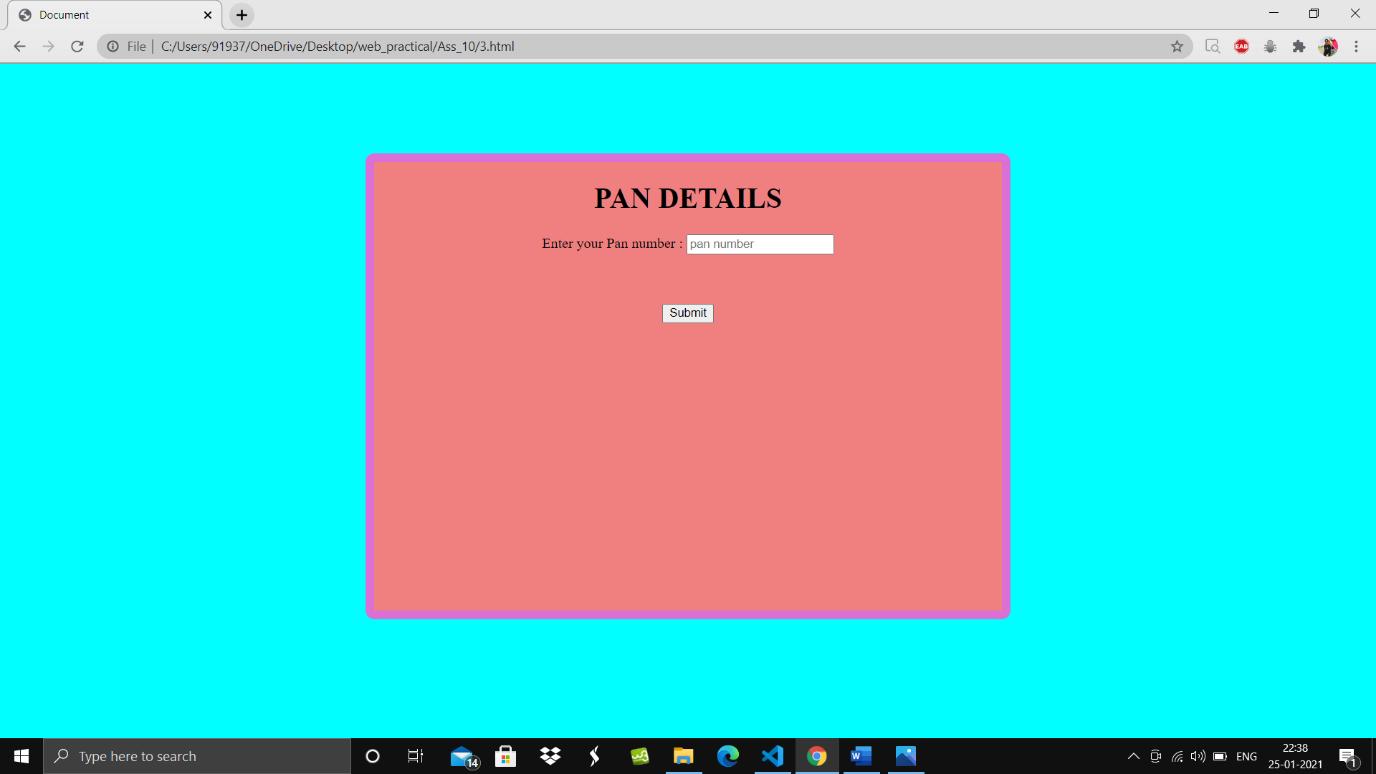
    background-color:crimson;

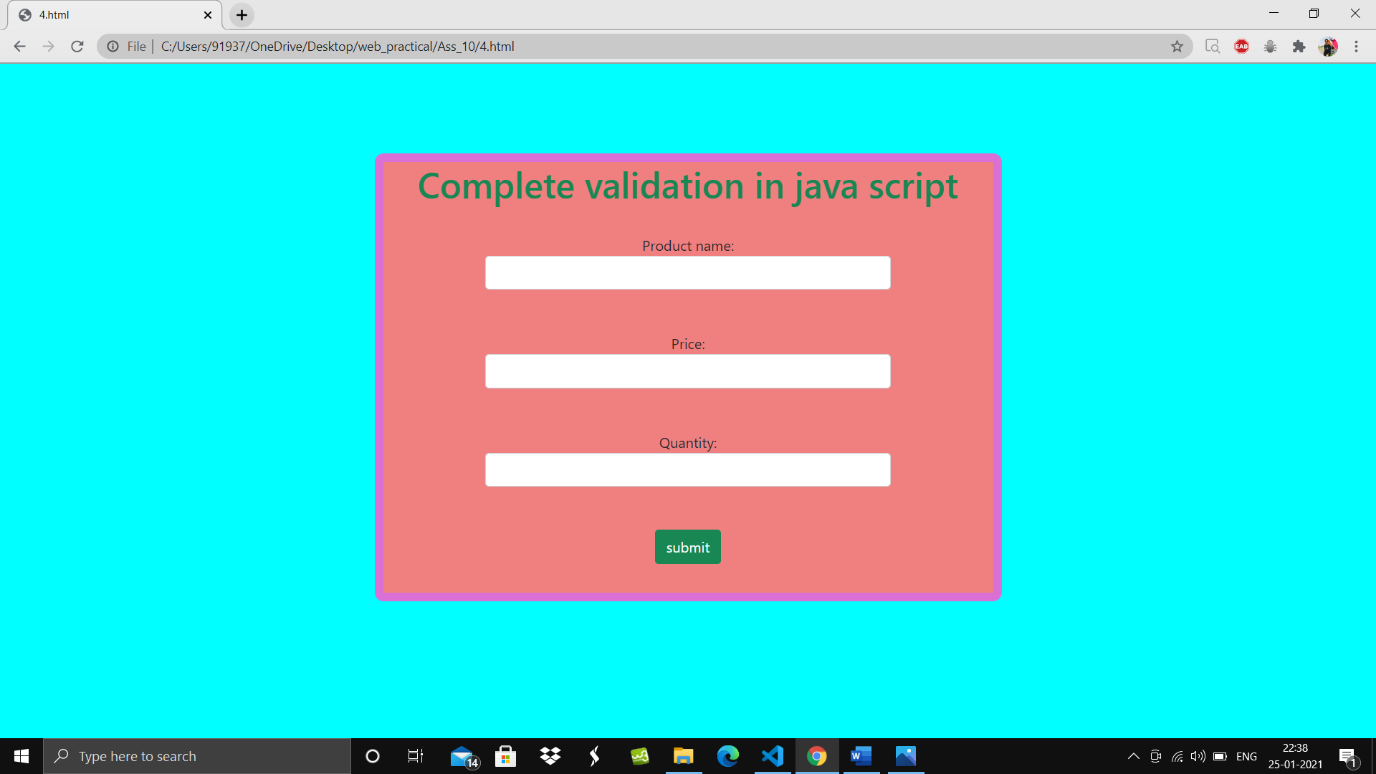
}

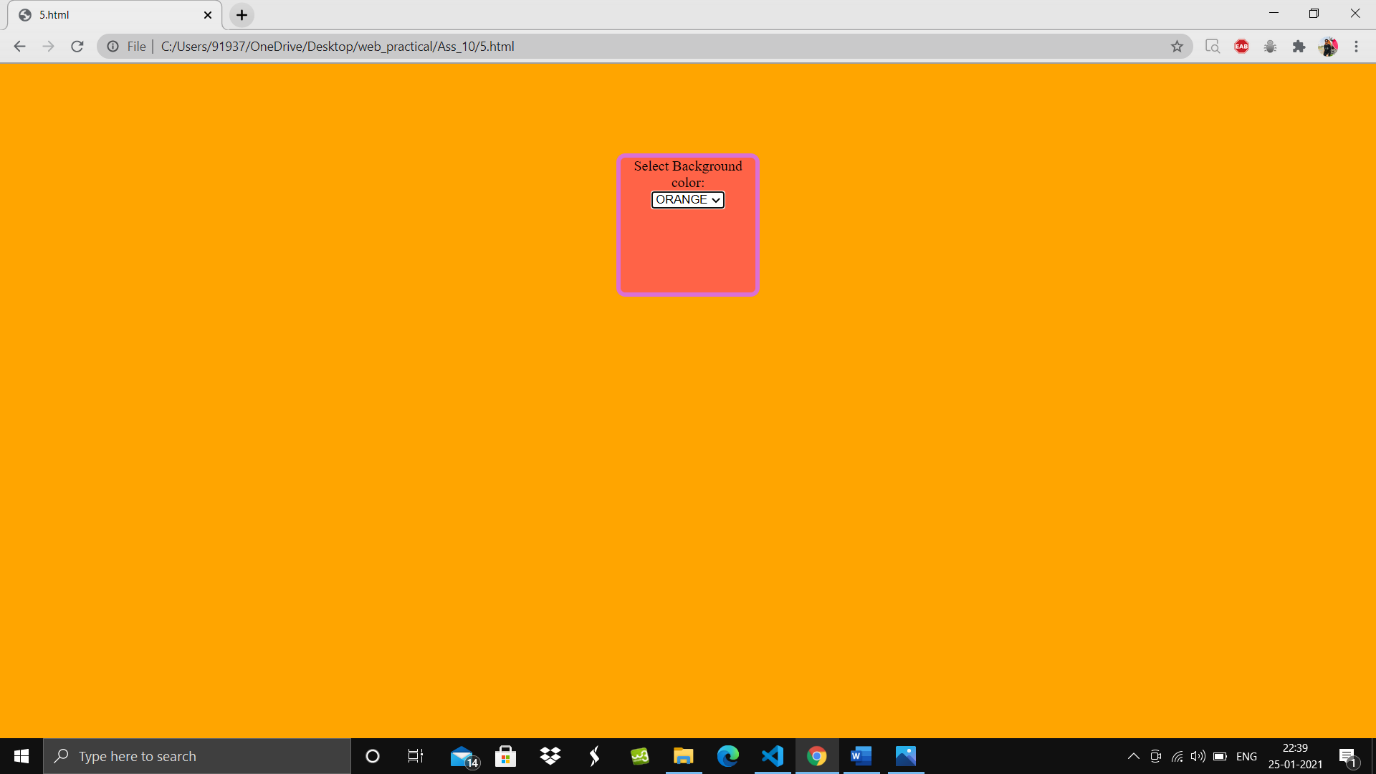
OUTPUT:

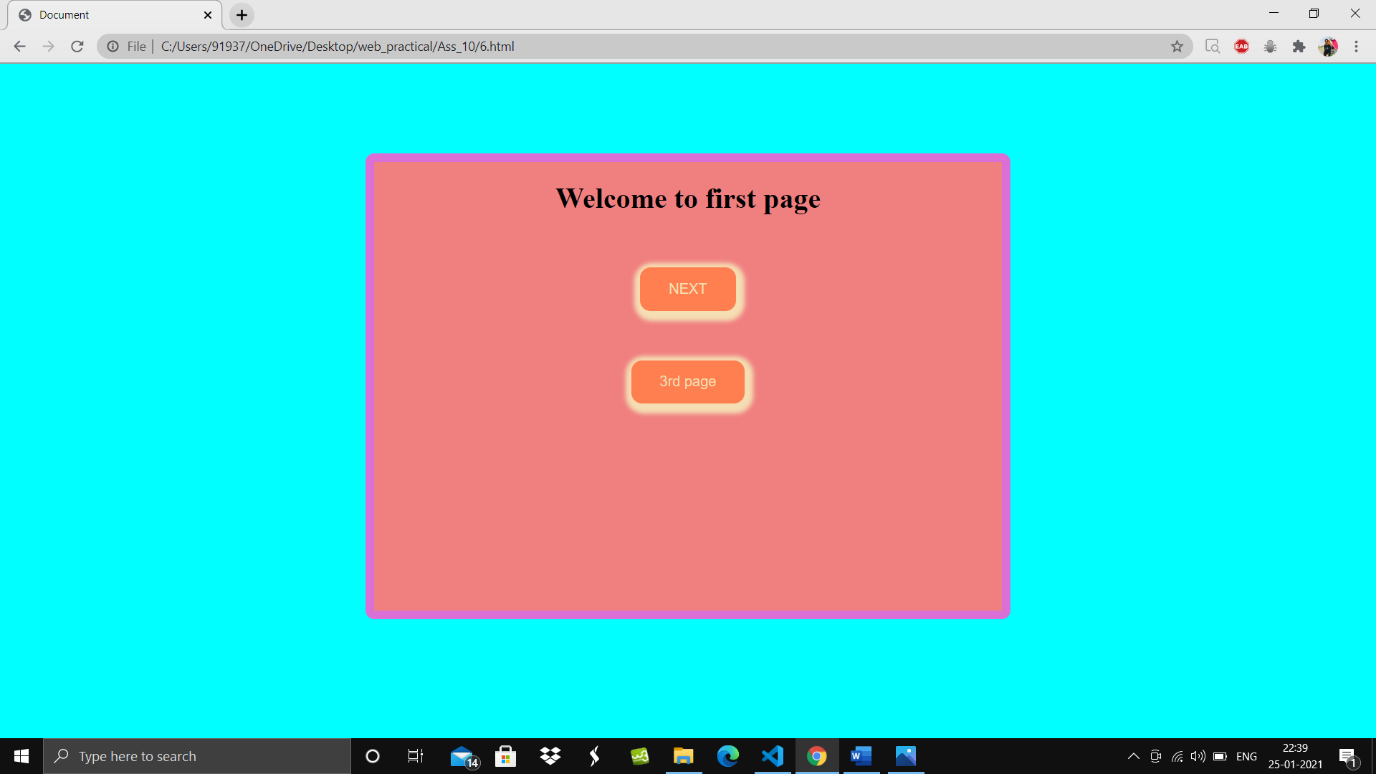
1)

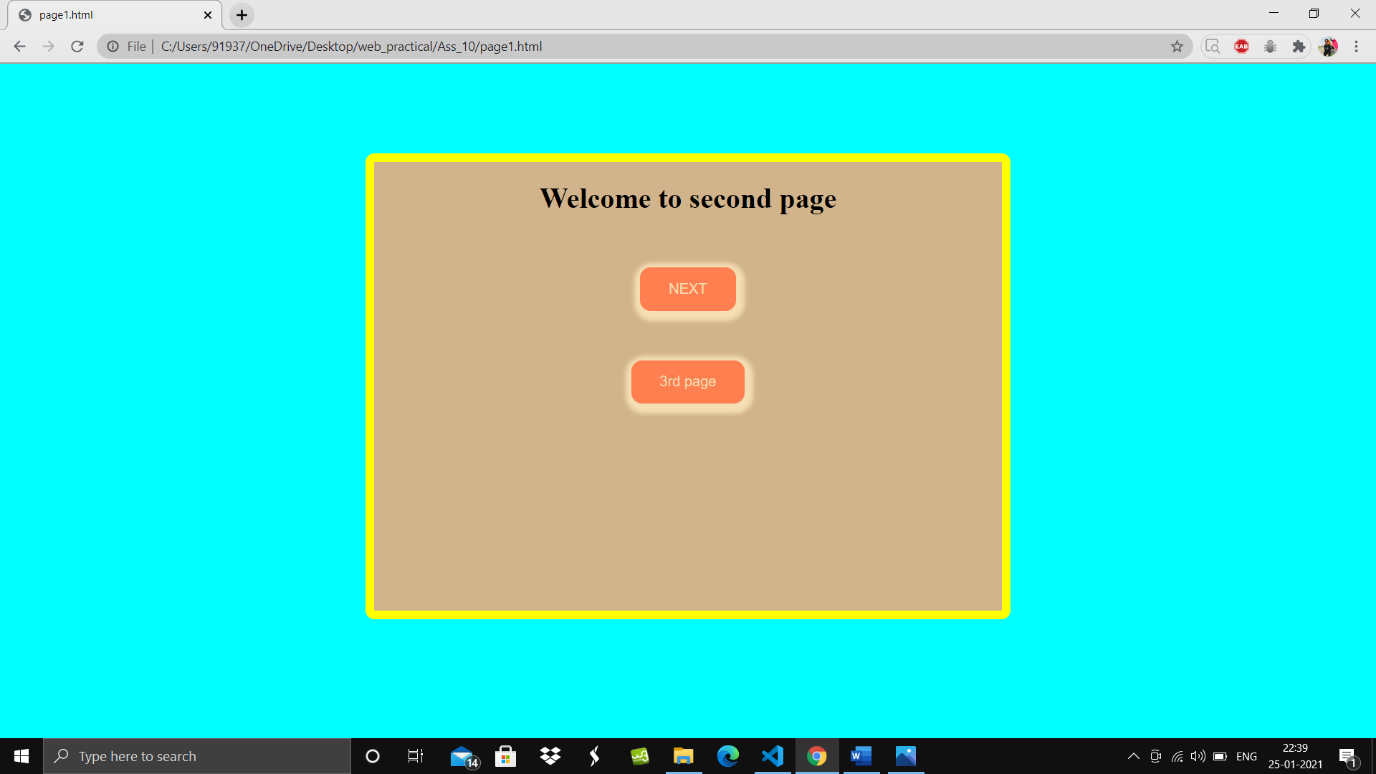
3)

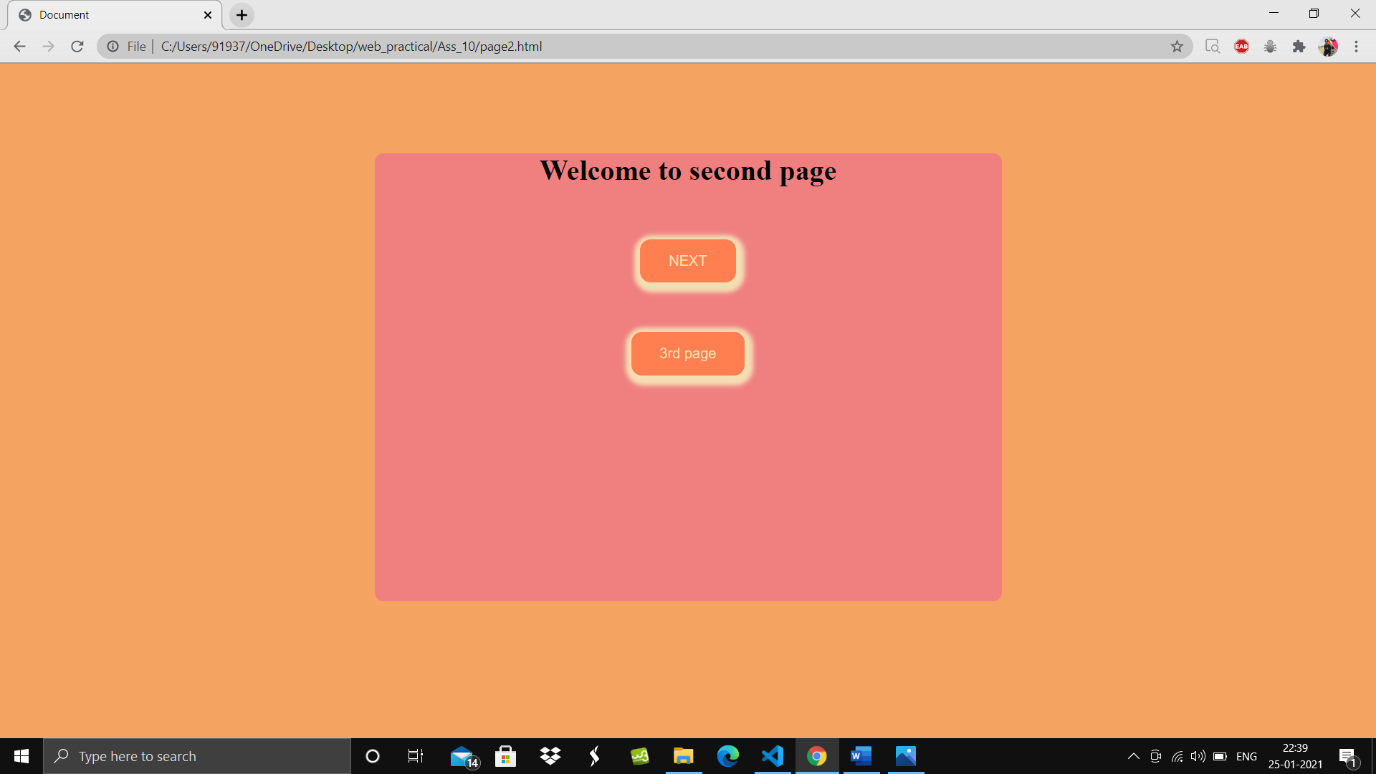
4)

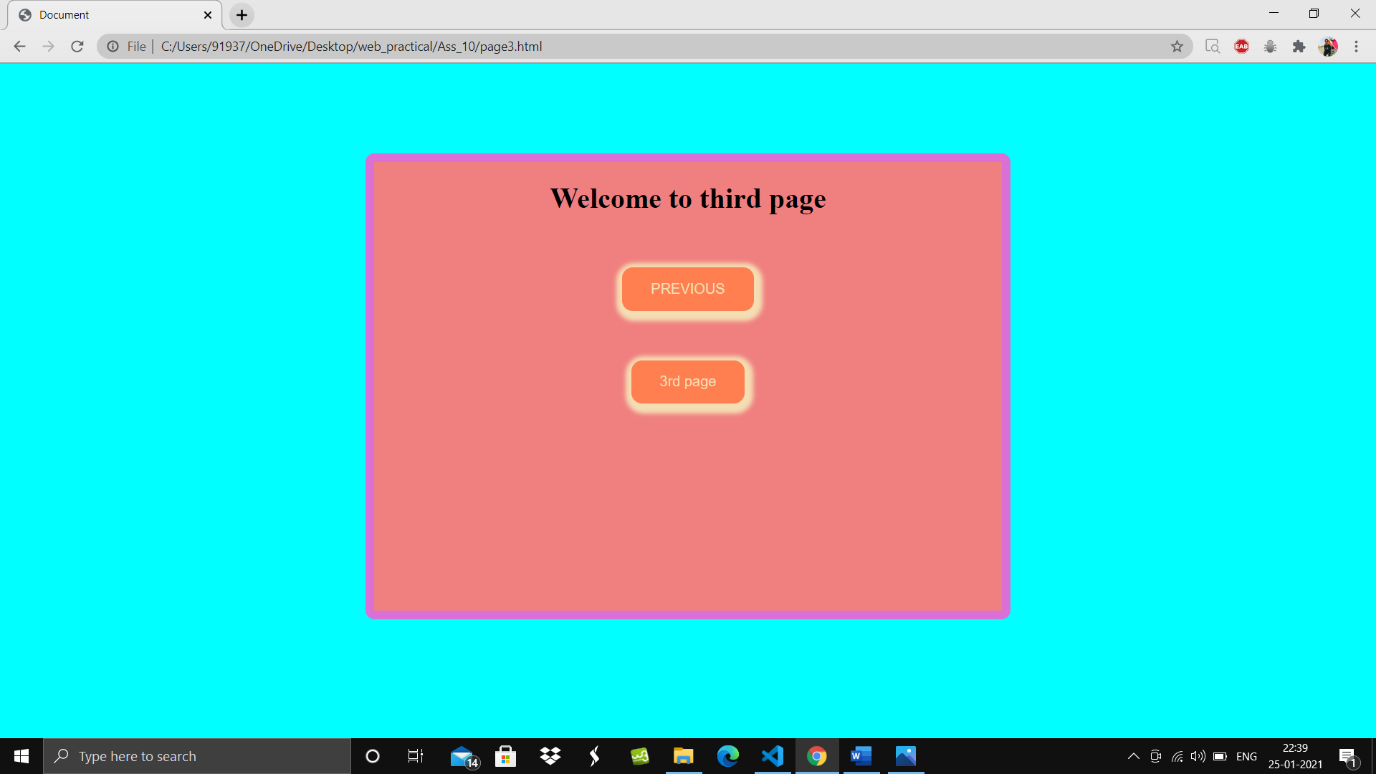
5)

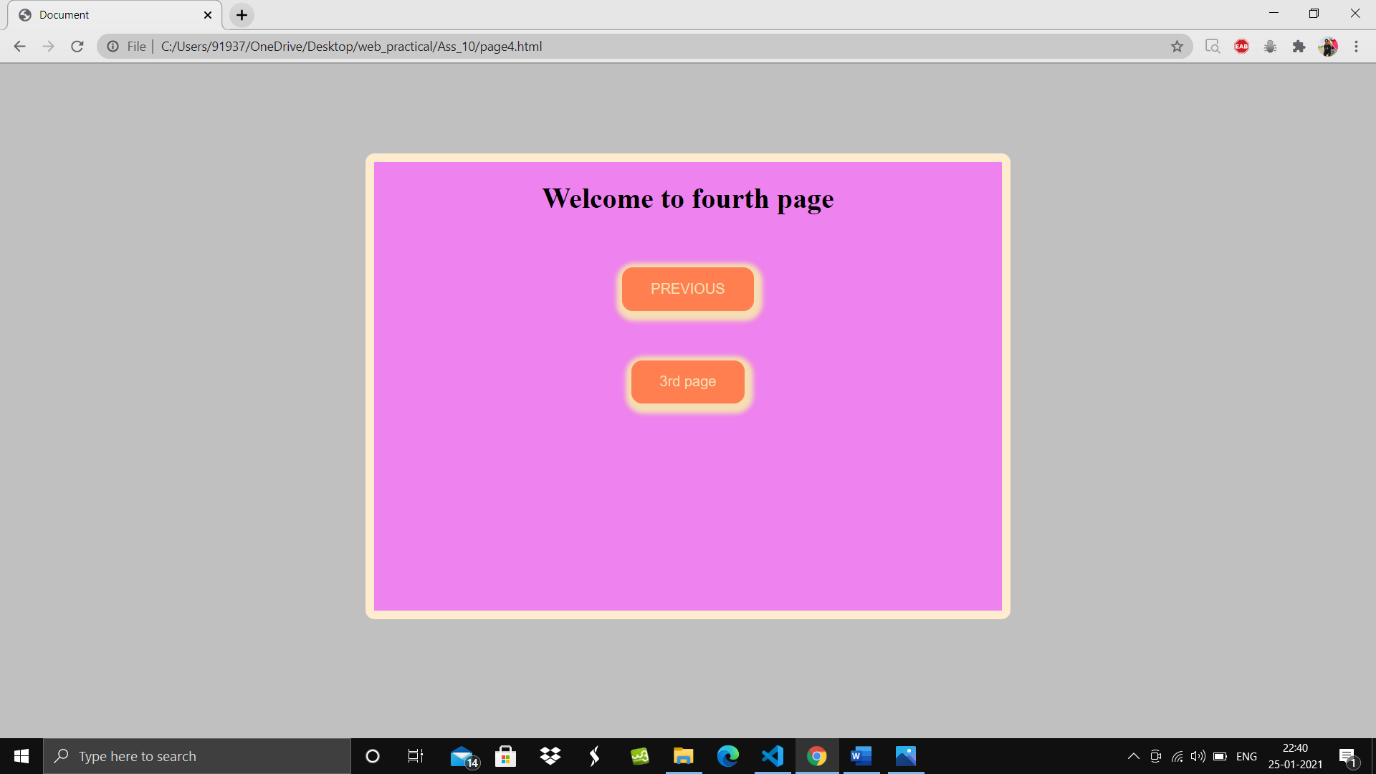
6)

7)

8)

9)

10)

11)

12)