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ROLL NO. 22CS3011

WEB TECHNOLOGY LAB 5

Q1.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Spinning Text</title>
  <style>
    body {
      font-family: sans-serif;
      margin: 0;
      display: flex;
      flex-direction: column;
      justify-content: center;
      align-items: center;
      min-height: 100vh;
    }

    h2 {
      font-size: 3rem;
      margin-bottom: 20px;
    }

    h2.spinning {
      animation: spin 2s linear infinite;
    }

    @keyframes spin {
      from {
        transform: rotate(0deg);
      }
      to {
        transform: rotate(360deg);
      }
    }

    input[type="text"] {
      padding: 10px;
    }
  </style>
</head>
<body>
  <h2>Spinning Text</h2>
  <input type="text" value="Enter text here" />
</body>
</html>
```

```
        border: 1px solid #ccc;
        border-radius: 5px;
        font-size: 16px;
    }

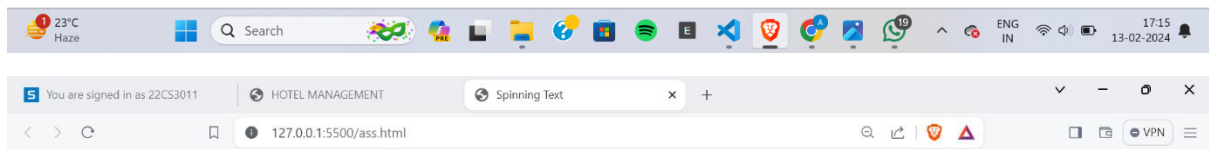
    button {
        padding: 10px 20px;
        background-color: #4CAF50;
        color: white;
        border: none;
        border-radius: 5px;
        cursor: pointer;
        margin-top: 10px;
    }
</style>
</head>
<body>
    <h2>Hello</h2>
    <input type="text" id="text-input" placeholder="Enter text">
    <button id="spin-button">Spin!</button>

    <script>
        const h2 = document.querySelector('h2');
        const textInput = document.getElementById('text-input');
        const spinButton = document.getElementById('spin-button');

        spinButton.addEventListener('click', () => {
            const newText = textInput.value;
            if (newText) {

                h2.textContent = newText;

                h2.classList.add('spinning');
            }
        });
        textInput.addEventListener('input', () => {
            h2.classList.remove('spinning');
        });
    </script>
</body>
</html>
```



Q2.

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Assignment</title>
  <style>
```

```

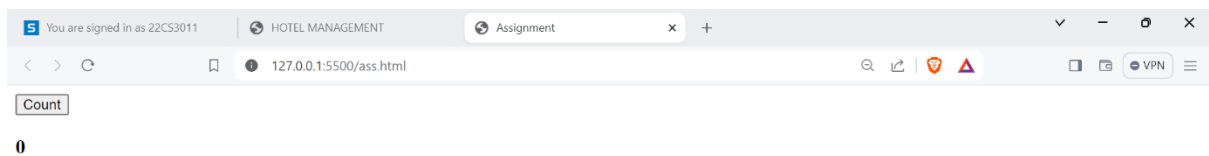
    </style>
</head>

<body>
  <button class="counter" onclick="increase()">Count</button>
  <h3 id="count">0</h3>
  <script>
    const counter = document.querySelector(".counter");
    const count = document.querySelector("#count");
    let num = 1;
    function increase() {
      num = num + 1;
      count.innerHTML = num;
      count.style.fontSize = num + "px";
    }

  </script>
</body>

</html>

```



Q3.

```

<!DOCTYPE html>
<html lang="en">

<head>

```

```
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Assignment</title>
<style>

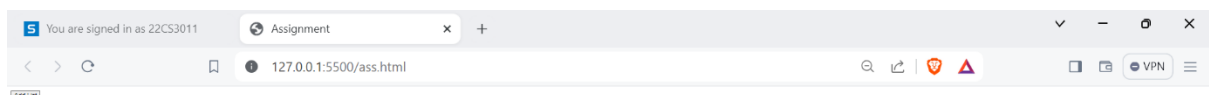
</style>
</head>

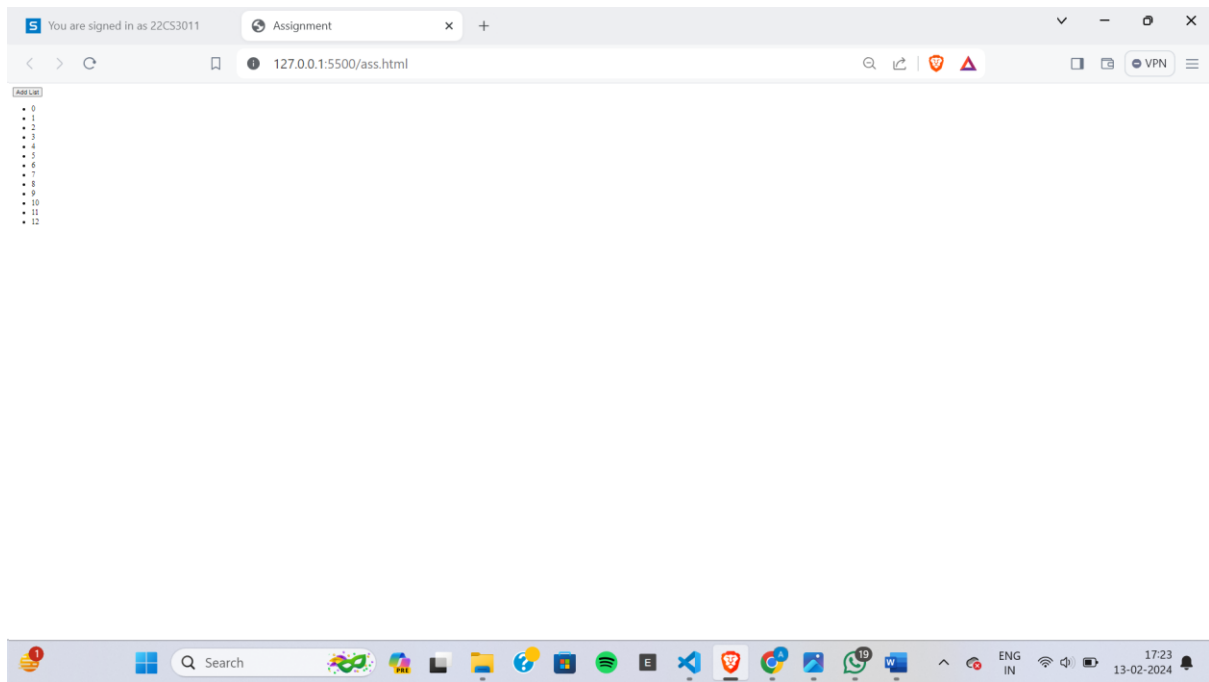
<body>

<button onclick="add()">Add List</button>
<ul class="list">

</ul>
<script>
  let count = 0;
  const lisst = document.querySelector(".list");
  function add() {
    const ele = document.createElement("li");
    ele.innerHTML = count;
    count = count + 1;
    lisst.appendChild(ele);
  }
</script>
</body>

</html>
```





Q6.

```
<!DOCTYPE html>
<html lang="en">

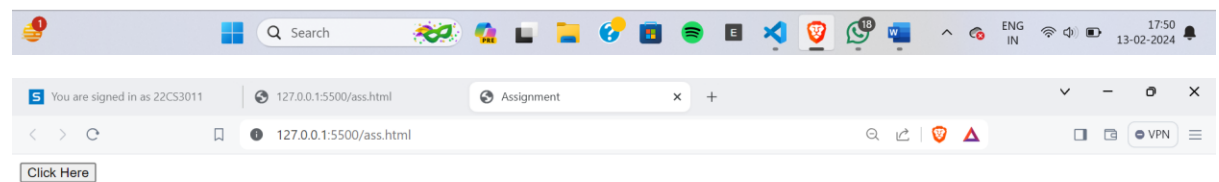
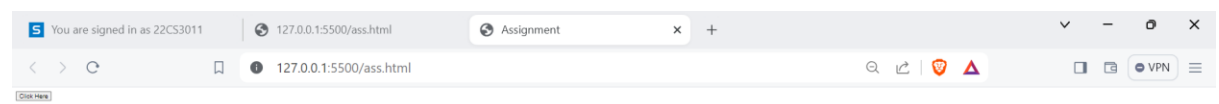
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Assignment</title>
</head>

<body>
  <button onclick="makePage();">Click Here</button>
  <div class="main"></div>
</body>
<script>
  const main = document.querySelector(".main");
  function makePage() {
    const heading = document.createElement("h1");
    heading.textContent = "I am an H1";
    main.appendChild(heading);
    const para = document.createElement("p");
    para.textContent = "This is a paragraph followed by a list";
    main.appendChild(para);
    const ordered = document.createElement("ol");
    const le1 = document.createElement("li");
    const le2 = document.createElement("li");
    le1.textContent = "This is first";
    le2.textContent = "This is second";
```

```
ordered.appendChild(1e1);
ordered.appendChild(1e2);
main.appendChild(ordered);

}
</script>

</html>
```

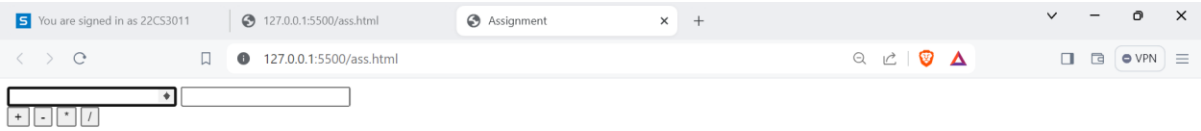


Q5.

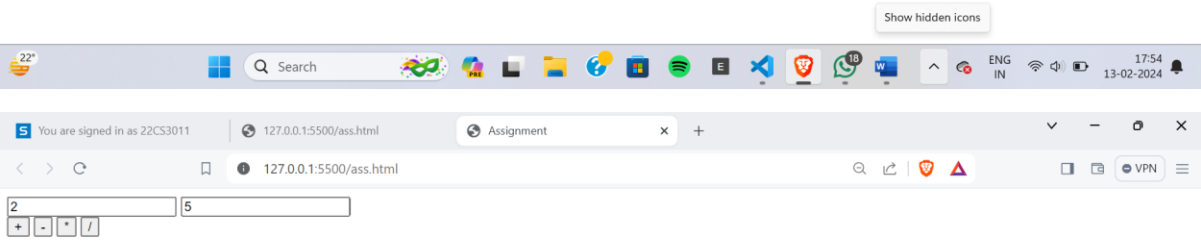
```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Assignment</title>
</head>

<body>
  <input type="number" class="a">
  <input type="number" class="b">
  <br>
  <button class="add" onclick="add()">+</button>
  <button class="sub" onclick="sub()">-</button>
  <button class="mul" onclick="mul()">*</button>
  <button class="div" onclick="div()">/</button>
  <p class="para">ans</p>
</body>
<script>
  let para = document.querySelector(".para");
  let a = document.querySelector(".a");
  let b = document.querySelector(".b");
  let c = 0;
  function add() {
    c = Number(a.value) + Number(b.value);
    para.innerHTML = c;
  }
  function sub() {
    c = Number(a.value) - Number(b.value);
    para.innerHTML = c;
  }
  function mul() {
    c = Number(a.value) * Number(b.value);
    para.innerHTML = c;
  }
  function div() {
    c = Number(a.value) / Number(b.value);
    para.innerHTML = c;
  }
</script>
</html>
```

ans



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