CS-222-WEBD ASSIGNMENT-6

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Question-1: Develop a single page application for Shopping List. First develop a simple prototype using html and javascript. Gradually develop a MVC based prototype.

HTML

```html
index.html > html > head > title
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6       <title>Shopping List</title>
7       <link rel="stylesheet" href="style.css">
8   </head>
9   <body>
10      <div id="container">
11          <h1>Shopping List</h1>
12          <h5>Add to Cart</h5>
13          <label for="items">Add your items here :</label>
14          <input type="text" id="items" placeholder="Add your items">
15          <button>ADD</button>
16          <ul id="list"></ul>
17      </div>
18
19
20
21      <script src="script.js"></script>
22  </body>
23  </html>
```

CSS

```css
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

#container {
    margin: 0 auto;
    padding: 20px;
    text-align: center;
    padding-top: 50px;
}
h1{
    margin: 20px;
}
h5{
    margin: 20px;
}
input{
    margin-bottom: 15px;
}

button{
    background-color: blue;
    width: 40px;
    color: aliceblue;
    border-radius: 2px;
}
button:hover{
    background-color: rgb(3, 32, 32);
    transform: scale(1.1);
    transition: 0.2s;
    cursor: pointer;

}

ul {
    margin: auto;
    list-style-type: none;
    padding: 0;
    max-width: 500px;
}

li {
    padding: 10px;
    background-color: #f4f4f4;
    margin-bottom: 5px;
    border-radius: 5px;
}
```

JAVASCRIPT

```javascript
JS script.js > ⊕ btn.addEventListener("click") callback > ⊕ wage.addEventListener("keydown") callback
 1    let btn = document.querySelector("button")
 2
 3    let content = document.getElementById("items")
 4    let ans = content.value;
 5
 6    btn.addEventListener("click", ()=>{
 7        if(ans !== " "){
 8            let list = document.getElementById("list");
 9            let li = document.createElement("li");
10            li.textContent = content.value;
11            list.appendChild(li);
12            content.value = " ";
13
14        }
15        var wage = document.getElementById("input");
16    wage.addEventListener("keydown", function (e) {
17        if (e.code === "Enter") {  //checks whether the pressed key is "Enter"
18            validate(e);
19        }
20    });
21
22
23
24    })
```