

WEB TECH
ASSIGNMENT 6

KRISHANU MISHRA

22IT3020

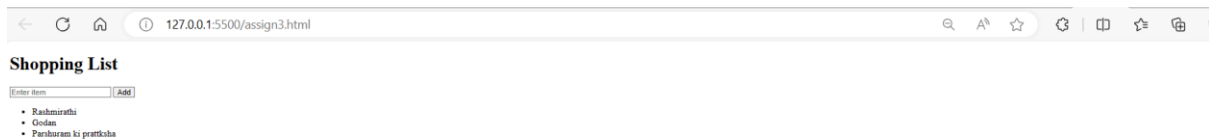
By Using Simple Prototype:

```
1. <!DOCTYPE html>

<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width,
initial-scale=1.0">
<title>Simple Shopping List</title>
</head>
<body>
<h1>Shopping List</h1>
<input type="text" id="itemInput" placeholder="Enter item">
<button onclick="addItem()">Add</button>
<ul id="itemList"></ul>

<script>
function addItem() {
var input = document.getElementById("itemInput");
var item = input.value;
if (item === '') return;
var itemList = document.getElementById("itemList");
var li = document.createElement("li");

li.appendChild(document.createTextNode(item));
itemList.appendChild(li);
input.value = '';
}
</script>
</body>
</html>
```



2. BY USING MVC PROTOTYPE

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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


<title>Shopping List</title>

<style>

body {

font-family: Arial, sans-serif;

}

h1 {

text-align: center;

}

input[type="text"] {

padding: 8px;

width: 60%;

margin: 10px auto;
```

```
display: block;

border: 1px solid #ccc;

border-radius: 5px;

}

button {

padding: 8px 16px;

background-color: #007bff;

color: #fff;

border: none;

border-radius: 5px;

cursor: pointer;

}

button:hover {

background-color: #0056b3;

}

ul {

list-style-type: none;

padding: 0;

margin: 20px auto;

width: 60%;


background-color: #fff;

border-radius: 5px;

box-shadow: 0 2px 5px rgba(0,0,0,0.1);

}

li {

padding: 10px;

border-bottom: 1px solid #ccc;

}

</style>

</head>
```

```
<body>

<h1>Shopping List</h1>

<input type="text" id="itemInput" placeholder="Enter item">

<button onclick="controller.addItem()">Add</button>

<ul id="itemList"></ul>
```

```
<script>

var model = {

  items: [],

  addItem: function(item) {

    this.items.push(item);

    view.render();

  },

  getItems: function() {

    return this.items;

  }

};

var view = {

  render: function() {

    var itemList = document.getElementById("itemList");

    itemList.innerHTML = "";

    var items = model.getItems();

    items.forEach(function(item) {

      var li = document.createElement("li");

      li.textContent = item;

      itemList.appendChild(li);

    });

  }

};

var controller = {
```

```

addItem: function() {
var input = document.getElementById("itemInput");
var item = input.value.trim();
if (item === "") return;
model.addItem(item);
input.value = "";
}
};

window.onload = function() {
view.render();
};
</script>
</body>
</html>

```

