HTML :

```html
<!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>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <div class="container">
    <h1>Shopping List</h1>
    <input type="text" id="itemInput" placeholder="Add new item">
    <button id="addItemBtn">Add Item</button>
    <ul id="shoppingList"></ul>
  </div>
  <script src="shoppingListView.js"></script>
</body>
</html>
```

JavaScript:

```javascript
class ShoppingListModel {
 constructor() {
  this.items = [];
 }
 addItem(item) {
  this.items.push(item);
 }
 removeItem(index) {
  this.items.splice(index, 1);
 }
```

HTML:

<!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>

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

</head>

<body>

 <div class="container">

  <h1>Shopping List</h1>

  <input type="text" id="itemInput" placeholder="Add new item">
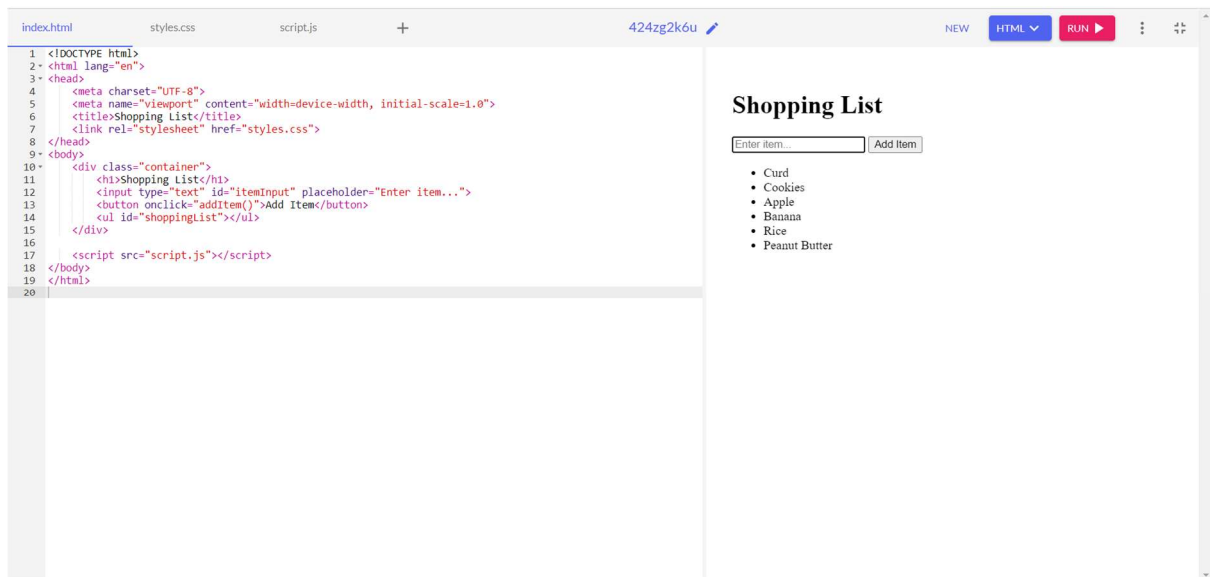
  <button id="addItemBtn">Add Item</button>

  <ul id="shoppingList">

 </div>

 <script src="shoppingListView.js"></script>

</body>

</html>

CSS:

```css
body {
  font-family: Arial, sans-serif;
}
.container {
  max-width: 600px;
  margin: 0 auto;
  padding: 20px;
}
h1 {
  text-align: center;
}
#itemInput {
  width: 70%;
  padding: 8px;
  margin-right: 10px;
}
#addItemBtn {
  padding: 8px 15px;
  background-color: #4CAF50;
  color: white;
  border: none;
  cursor: pointer;
}
ul {
  list-style-type: none;
  padding: 0;
}
li {
  margin-bottom: 10px;
}
button {
  padding: 5px 10px;
```

```css
  background-color: #f44336;

  color: white;

  border: none;

  cursor: pointer;

}
```

JAVASCRIPT:

```javascript
document.addEventListener("DOMContentLoaded", function() {

 const shoppingList = new ShoppingListModel();


 const itemInput = document.getElementById("itemInput");

 const addItemBtn = document.getElementById("addItemBtn");

 const shoppingListElem = document.getElementById("shoppingList");


 addItemBtn.addEventListener("click", function() {

  const newItem = itemInput.value.trim();

  if (newItem !== "") {

   shoppingList.addItem(newItem);

   renderShoppingList();

   itemInput.value = "";

  }

 });


 function renderShoppingList() {

  shoppingListElem.innerHTML = "";

  shoppingList.items.forEach((item, index) => {

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

   li.textContent = item;

   const removeBtn = document.createElement("button");

   removeBtn.textContent = "Remove";

   removeBtn.addEventListener("click", function() {

    shoppingList.removeItem(index);

    renderShoppingList();

   });

   li.appendChild(removeBtn);
```

```
      shoppingListElem.appendChild(li);

    });

  }

});
// shoppingListModel.js


class ShoppingListModel {

  constructor() {

    this.items = [];

  }


  addItem(item) {

    this.items.push(item);

  }


  removeItem(index) {

    this.items.splice(index, 1);

  }

}
```



```
  1
  2
  3  document.addEventListener("DOMContentLoaded", function() {
  4      const shoppingList = new ShoppingListModel();
  5
  6      const itemInput = document.getElementById("itemInput");
  7      const addItemBtn = document.getElementById("addItemBtn");
  8      const shoppingListElem = document.getElementById("shoppingList");
  9
 10      addItemBtn.addEventListener("click", function() {
 11          const newItem = itemInput.value.trim();
 12          if (newItem !== "") {
 13              shoppingList.addItem(newItem);
 14              renderShoppingList();
 15              itemInput.value = "";
 16          }
 17      });
 18
 19      function renderShoppingList() {
 20          shoppingListElem.innerHTML = "";
 21          shoppingList.items.forEach((item, index) => {
 22              const li = document.createElement("li");
 23              li.textContent = item;
 24              const removeBtn = document.createElement("button");
 25              removeBtn.textContent = "Remove";
 26              removeBtn.addEventListener("click", function() {
 27                  shoppingList.removeItem(index);
 28                  renderShoppingList();
 29              });
 30              li.appendChild(removeBtn);
 31              shoppingListElem.appendChild(li);
 32          });
 33      }
 34  });
 35  // shoppingListModel.js
 36
 37  class ShoppingListModel {
 38      constructor() {
 39          this.items = [];
 40      }
 41
 42      addItem(item) {
```

Shopping List

Curd   Add Item