LAB ASSIGNMENT-7

1. Develop prototype 3 connuing with the last lab. Confirm that the app now remembers your list even aer a page refresh.

CODE:-

```
@ barrierd 30
                                                conta name "disport" content="width-device-width, initial-scale-t.0">
cutile(Shopping List Applications/title)
clink rel="stylesheet" href="https://maccdn.bootstrapode.com/bootstrap/3.3.7/css/bootstrap.min.css">
clink rel="stylesheet" href="cm/shoppingstyle.com">

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offix class="panel panel-default col-ed-12">
offix class="panel body":
    A spoor-special lot of the classes of the element. Classes allows CSS and involcipt to select and eccess specific elements via offix class="form-initial the class selection of functions like the method (bocasest_getrl=meetsupclassessee()).
    class="form-initial panel-default colors are form-control" same="itemsene" id="itemsene")>
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```

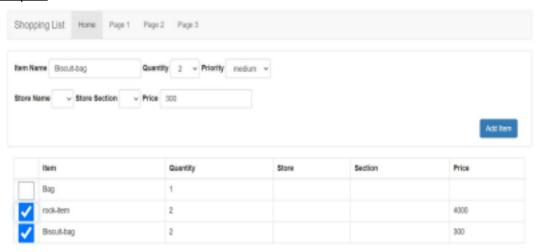
```
O lab7.html X
🕫 lab? html ) 🛮 html ) 🕏 body ) 🕏 div.container ) 🕏 div.panel.panel-default.col-md-12 ) 🕏 div.panel-body ) 🕏 div.con/torm-inline ) 🕏 div.form-group ) 🕏 label
                      war sections = ['Produce', 'Meats', 'Cereal', 'Canned Goods', 'Frozen Foods', 'Dairy', 'Liquor', 'Tools', 'Clothing']
             function clickedom() [
                 let rowcolids = ['itemname', 'qty', "store', "category", 'price']
                 for (let cid of rowcolids) {
                      vals.push(document.getElementEyEd(cid).value)
                 makeRow(vals, document.getElementById('shoppinglist'))
                  saveList[);
              function makeRow(valueList, parent) {
                  let row = document.createElement("tr")
                 row.classList.add(document.getElementById("priority").walue)
                  let cb = document.createElement("input")
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              function makeRow(valueList, parent) (
                  let row = document.createElement("tr")
                  row.classList.add(document.getElementByUd("priority").value)
                  let cb = document.createElement("input")
                 cb.classList.add("form-control")
                 row.appendChild(cb)
                  for (let val of valueList) (
                       let td = document.createElement("td")
                      td.innerHTML = val
                      row.appendChild(td)
                  parent.appendChild(row)
              function populateSelect(selectId, sList) (
                  let sel = document.getElementById(selectId)
                       let opt = document.createElement("option")
                      opt.innerHTML = 5
```

sel.appendChild(opt)

let table = document.getElementById("shoppinglist");

function savelist() {

Output:-



MVC Shopping List with localStorage

Items:

- · nine pointer
- sudhanshu
- 2. Create a local storage that saves the number of mes you have accessed the page and displays it.

```
class Model {
    constructor() {
        this.items = JSCN.parse(localstorage.getItem('shoppingList')) || [];
        this.accessCount = localstorage.getItem('accessCount') || 0;

    }

    additem(item) {
        this.items.push(item);
        this.save();
    }

    getItems() {
        return this.items;
    }

    save() {
        localStorage.setItem('shoppingList', JSON.stringify(this.items));
    }

    incrementAccessCount() (
        this.accessCount::;
    localStorage.setItem('accessCount', this.accessCount);
    }

    getAccessCount() {
        return this.accessCount;
    }
}
```

```
this.itemsList = document.getElementById('items');
 this.itemInput = document.getElementById('item');
 this.addItemBtn = document.getElementById('addItemBtn');
 this.pageAccessCount = document.getElementById('pageAccessCount');
getNewItem() {
 return this.itemInput.value.trim();
clearInput() {
 this itemInput value = ;
renderItems(items) {
 this itemsList innerHTML = ';
 items.forEach(item -> {
   const li = document.createElement('li');
   li.textContent = item;
   this.itemsList.appendChild(li);
renderAccessCount(count) {
 this.pageAccessCount.textContent = count;
```

```
class Controller {
    constructor(model, view) {
        this.model = model;
        this.view = view;

        this.view.addItemBtn.addEventListener('click', () => this.addItem());

        this.initialRender();
    }

initialRender() {
    this.view.renderItems(this.model.getItems());
    this.view.renderAccessCount(this.model.getAccessCount());
    this.model.incrementAccessCount();
}

addItem() {
    const newItem = this.view.getNewItem();
    if (newItem !== '') {
        this.model.addItem(newItem);
        this.view.renderItems(this.model.getItems());
        this.view.clearInput();
    }
}
```

```
const model = new Model();
const view = new View();
const controller = new Controller(model, view);
</script>
</body>
</html>
```

Output:-

Shopping List

Enter item A	Add Item
--------------	----------

You have accessed this page 1 times.

Shopping List

Enter item Add Item

car

truck

You have accessed this page 4 times.