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Lab Assignment – 7

Q1.

Index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Task 1</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
  </head>

  <body>
    <div class="container">
      <nav class="navbar navbar-default">
        <div class="container-fluid">
          <div class="navbar-header">
            <a class="navbar-brand" href="#">Shopping List</a>
          </div>
          <ul class="nav navbar-nav">
            <li class="active"><a href="#">Home</a></li>
            <li><a href="#">Page 1</a></li>
            <li><a href="#">Page 2</a></li>
            <li><a href="#">Page 3</a></li>
          </ul>
        </div>
      </nav>
      <div class="panel panel-default col-md-12">
        <div class="panel-body">
          <div class="row form-inline">

            <div class="form-group">
              <label for="itemname">Item Name</label>
              <input type="text" class="form-control" name="itemname"
id=itemname />
            </div>
            <div class="form-group">
              <label for="qty">Quantity</label>
              <select name="quantity" id="qty" class="form-control">
                <option value="1">1</option>
                <option value="2">2</option>
```

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        <option value="3">3</option>
        <option value="4">4</option>
        <option value="5">5</option>
        <option value="6">6</option>
        <option value="7">7</option>
        <option value="8">8</option>
        <option value="9">9</option>
        <option value="10">10</option>
    </select>
</div>
<div class="form-group">
<label for="priority">Priority</label>
<select name="priority" id="priority" class="form-control">
    <option value="low">low</option>
    <option value="medium">medium</option>
    <option value="high">high</option>
</select>
</div>
</div>

<div class="row form-inline" style="margin-top: 20px; margin-
bottom: 20px;">
    <div class="form-group">
        <label for="store">Store Name</label>
        <select name="store" id="store" class="form-control">
        </select>
    </div>
    <div class="form-group">
        <label for="category">Store Section</label>
        <select name="category" id="category" class="form-
control">
        </select>
    </div>
    <div class="form-group">
        <label for="price">Price</label>
        <input type="text" name="price" id="price" class="form-
control">
    </div>
</div>
<div class="form-inline" style="float: right;">
    <button onclick="clickedon()" class="btn btn-primary"
id=gobutt>Add Item</button>
</div>
</div>
<div class="col-md-12">
<table class="table table-bordered">
    <thead>

```

```

        <tr>
            <th></th><th>Item</th><th>Quantity</th><th>Store</th><
th>Section</th><th>Price</th>
        </tr>
    </thead>
    <tbody id="shoppinglist"></tbody>
</table>
</div>
</div>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></scrip
t>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></sc
ript>
    <script src="shopping.js"></script>
    <script src="StoreList.js"></script>
</body>
</html>

```

Shopping.js

```

var stores = ['Fareway', 'Ace Hardware', 'Caseys', 'The Hatchery',
'Amundsens']
var sections = ['Produce', 'Meats', 'Cereal', 'Canned Goods', 'Frozen Foods',
'Dairy', 'Liquor', 'Tools', 'Clothing']

function clickedon() {
    let rowcolids = ['itemname', 'qty', 'store', 'category', 'price']
    let vals = []
    for (let cid of rowcolids) {
        vals.push(document.getElementById(cid).value)
    }
    makeRow(vals, document.getElementById('shoppinglist'))
}

function makeRow(valueList, parent) {
    let row = document.createElement("tr")
    row.classList.add(document.getElementById("priority").value)
    let cb = document.createElement("input")
    cb.type = "checkbox"
    cb.classList.add("form-control")
    row.appendChild(cb)

    for (let val of valueList) {
        let td = document.createElement("td")

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        td.innerHTML = val
        row.appendChild(td)
    }
    parent.appendChild(row)
}

function populateSelect(selectId, sList) {
    let sel = document.getElementById(selectId)
    for (let s of sList) {
        let opt = document.createElement("option")
        opt.value = s
        opt.innerHTML = s
        sel.appendChild(opt)
    }
}

$(document).ready(function () {
    populateSelect('store', stores)
    populateSelect('category', sections)
})

```

StoreList.js

```

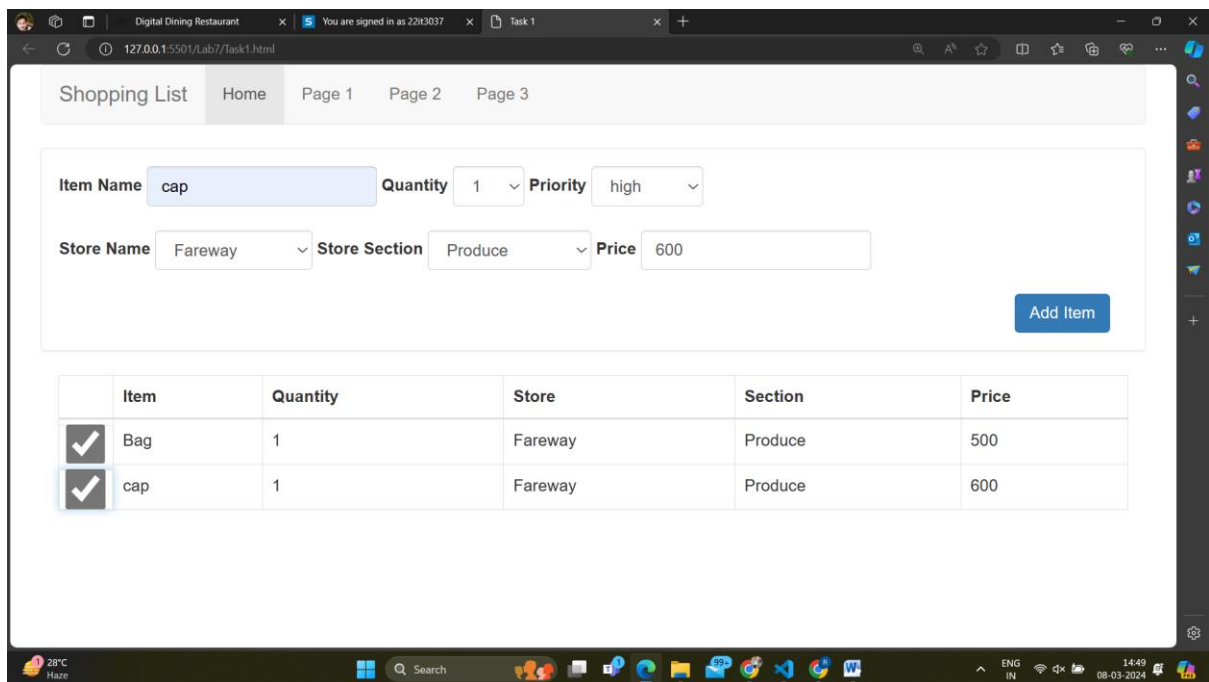
"use strict"
class LocalStorageSaver {

    constructor(model, lsname) {
        this.lsname = lsname;
        let self = this
        model.subscribe(function(slist, msg) {
            self.saveAll(slist)
        })
        // now restore from localstorage
        let restore_list = JSON.parse(localStorage.getItem(self.lsname))
        for(let vals of restore_list) {
            let it = new Item(vals.name, vals.quantity, vals.priority,
vals.store, vals.section, vals.price)
            model.addItem(it)
        }
    }

    saveAll(slist) {
        let ls_list = JSON.stringify(slist.newItems)
        localStorage.setItem(this.lsname, ls_list)
    }
}

```

Output:-



Q2.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Task 2</title>
  <style>
    *{
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }

    body{
      width: 100%;
      height: 100vh;
      display: flex;
      justify-content: center;
      align-items: center;
      background-color: black;
      color: white;
    }

    .count{
```

```

        padding: 5px 45px;
        background-color: white;
        color: black;
        border-radius: 10px;
        font-size: 20px;
        font-weight: 700;
    }

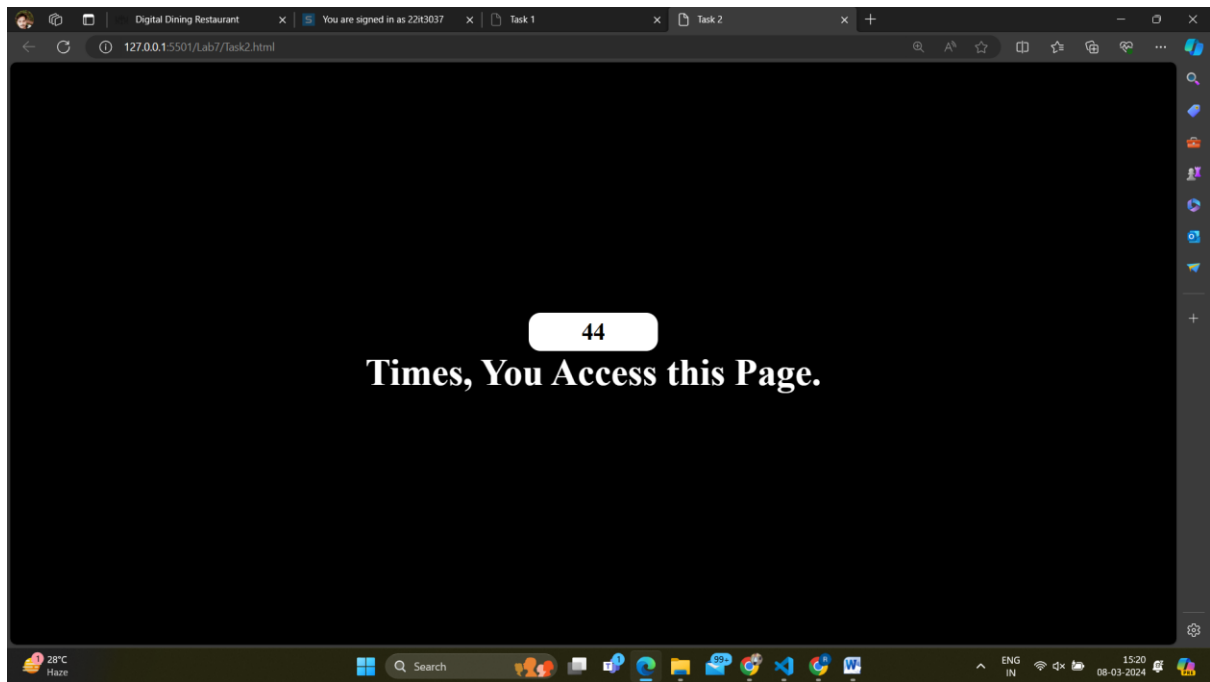
    .items-container{
        display: flex;
        align-items: center;
        flex-direction: column;
    }
</style>
</head>
<body>
    <div class="items-container">
        <p class="count"></p>
        <h1>Times, You Access this Page.</h1>

        <script>
            function updatePageAccessCount(){
                if(localStorage.getItem('pageAccessCount')){
                    let count
=parseInt(localStorage.getItem('pageAccessCount'))+1;
                    localStorage.setItem('pageAccessCount',count);
                    document.getElementsByClassName('count')[0].innerHTML=count;
                }else{
                    localStorage.setItem('pageAccessCount', 1);
                }
            }

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

```

Output:-



Thanks