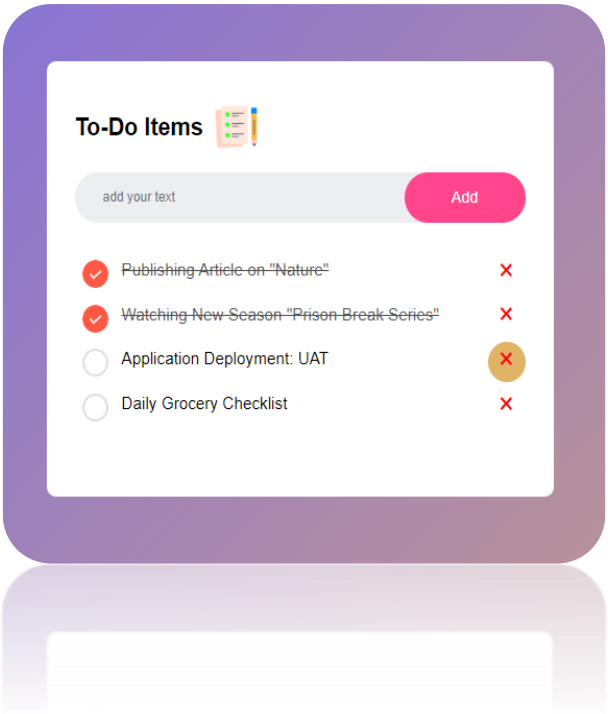
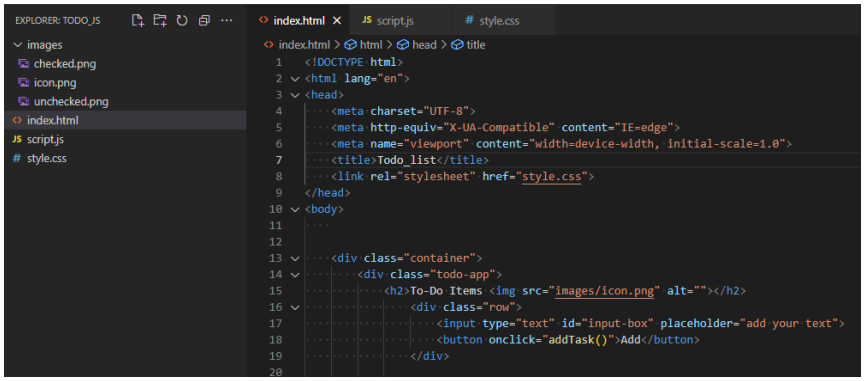
TO-DO List Application

using HTML, CSS, Javascript

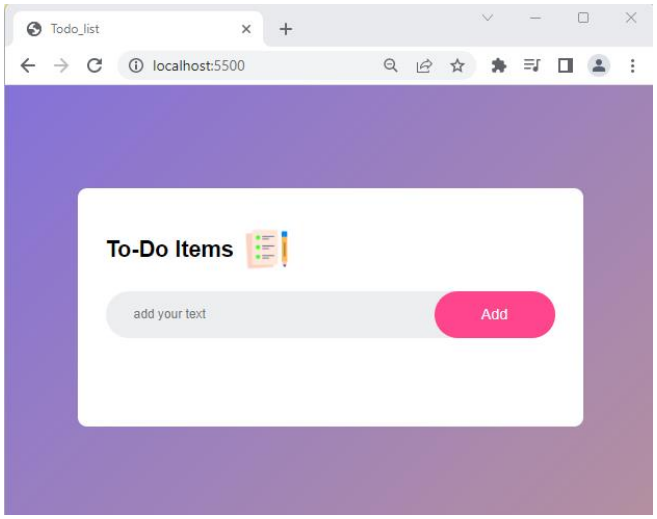


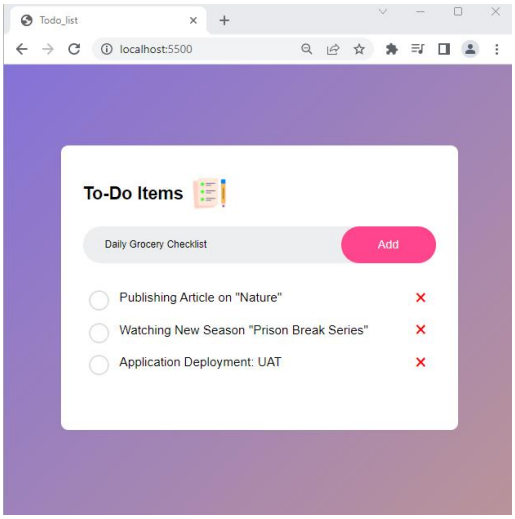
Images used:

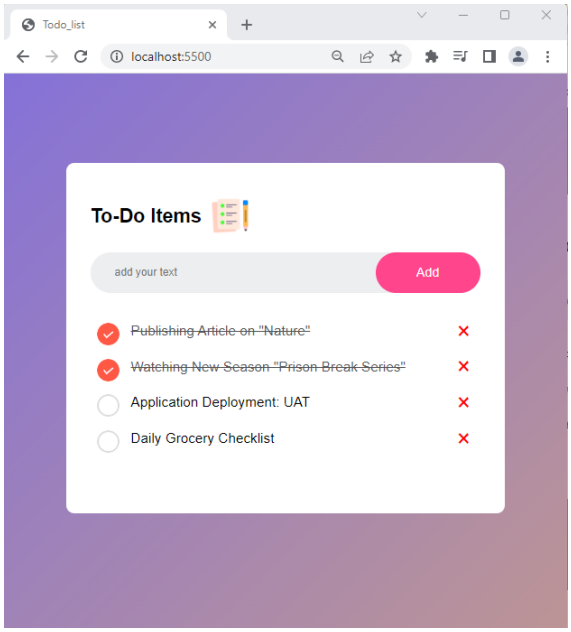
Project Structure:

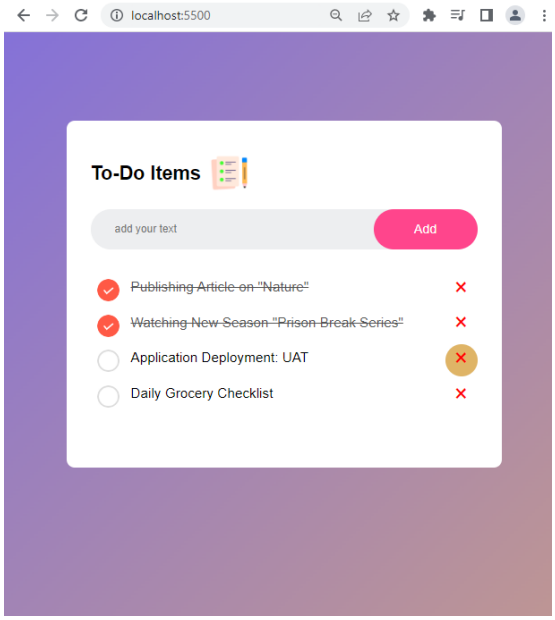


Outputs:


Todo_list
localhost:5500
To-Do Items
add your text
Add


Todo_list
localhost:5500
To-Do Items
Daily Grocery Checklist
Add
Publishing Article on "Nature"
Watching New Season "Prison Break Series"
Application Deployment: UAT


Todo_list
localhost:5500
To-Do Items
add your text
Add
Publishing Article on "Nature"
Watching New Season "Prison Break Series"
Application Deployment: UAT
Daily Grocery Checklist


localhost:5500
To-Do Items
add your text
Add
Publishing Article on "Nature"
Watching New Season "Prison Break Series"
Application Deployment: UAT
Daily Grocery Checklist

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Todo_list</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>


    <div class="container">
        <div class="todo-app">
            <h2>To-Do Items <img src="images/icon.png" alt=""></h2>
                <div class="row">
                    <input type="text" id="input-box" placeholder="add your
text">
                    <button onclick="addTask()">Add</button>
                </div>


                <ul id="list-container">
                    <!-- <li class="checked">Task 1</li>
                    <li>Task 2</li>
                    <li>Task 3</li> -->
                </ul>
        </div>
    </div>


    <script src="script.js"></script>
</body>
</html>
```

CSS:

```css
*{
    margin:0;
    padding:0;
    font-family: 'Poppins', sans-serif;
    box-sizing: border-box;
}
.container{
    width:100%;
    min-height: 100vh;
    background: linear-gradient(135deg, #8572d8,#c09792);
    padding:10px;
}
.todo-app{
    width: 100%;
    max-width: 540px;
    background-color: white;
    margin: 100px auto 20px;
    padding: 40px 30px 70px;
    border-radius: 10px;
}
.todo-app h2{
    color:black;
    display: flex;
    align-items:center;
    margin-bottom: 20px;
}

.todo-app img{
    width: 50px;
    margin-left: 10px;
}
.row{
    display:flex;
    align-items: center;
    justify-content: space-between;
    background:#edeef0;
    border-radius: 30px;
    padding-left: 20px;
    margin-bottom:25px;
}
input{
    flex:1;
    border:none;
    outline: none;
    background: transparent;
    padding: 10px;
}
```

```css
button{
    border:none;
    outline: none;
    padding: 16px 50px;
    background:#ff458c;
    color:#fff;
    font-size: 16px;
    cursor: pointer;
    border-radius: 40px;
}


ul li{
    list-style: none;
    font-size: 17px;
    padding:12px 8px 12px 50px;
    user-select: none;
    cursor: pointer;
    position: relative;
}

ul li::before{
    content:'';
    position: absolute;
    height: 28px;
    width: 28px;
    border-radius: 50%;
    background-image: url(images/unchecked.png);
    background-size: cover;
    background-position: center;
    top:12px;
    left:8px;
}
ul li.checked{
    color:#555;
    text-decoration: line-through;
}
ul li.checked::before{
    background-image: url(images/checked.png);
}
ul li span{
    color:red;
    position: absolute;
    right:0;
    top:5px;
    width: 40px;
    height: 40px;
    list-style: 40px;
```

```
    text-align: center;
    font-size: 30px;
    border-radius: 50px;
}

ul li span:hover{
    background-color: rgb(223, 180, 102);
}
```

Javascript:

```
const inputBox=document.getElementById("input-box");
const listContainer=document.getElementById("list-container");
function addTask(){
    if(inputBox.value===''){
        alert("you must write something!!");
    }
    else{
        let li=document.createElement("li");
        li.innerHTML=inputBox.value;
        listContainer.appendChild(li);
        let span=document.createElement("span");
        span.innerHTML="\u00d7";
        li.appendChild(span);

    }
    inputBox.value='';
    saveData();
}
listContainer.addEventListener("click",function(e){

    if(e.target.tagName ==="LI"){
        e.target.classList.toggle("checked");
        saveData();
    }
    else if(e.target.tagName==="SPAN"){
        e.target.parentElement.remove();
        saveData();
    }
},false)
function saveData(){

    localStorage.setItem("data",listContainer.innerHTML);
}
function showTask(){
    listContainer.innerHTML=localStorage.getItem("data");
}
showTask();
```