Assignment 14

Code

```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>To Do List</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.1.1/css/all.min.css"
        integrity="sha512-KfkfwYDsLkIlwQp6LFnl8zNdLGxu9YAA1QvwINks4PhcElQSvqcyVLLD9aMhXd13uQjoXtEKNosOWaZqXgel0g=="
        crossorigin="anonymous" referrerpolicy="no-referrer" />
    <style>
        * {
            padding: 0;
            margin: 0;
            box-sizing: border-box;
        }

        .container {
            height: 100vh;
            background-image: linear-gradient(to right,lightblue,rgb(32, 192, 246),rgb(22, 22, 240),rgb(89, 89, 248),rgb(79, 79, 207));
            font-family: Arial, Helvetica, sans-serif;
        }

        h1 {
            font-weight:2000;
            text-align: center;
            color: white;
            font-size: 40px;
            padding: 50px;
        }

        .task {
            display: flex;
            justify-content: center;
            align-items: center;
        }
        #head{
            margin: 20px;
```

```css
        }
        .btn {
            height: 40px;
            width: 40px;
            background-color: white;
            display: flex;
            align-items: center;
            justify-content: center;
        }

        .fa-square-plus {
            font-size: xx-large;
            color: red;
        }

        .todo {
            padding-left: 10px;
            height: 40px;
            width: 300px;
            outline: none;
            border: none;
            font-size: 24px;
        }
        .tick{
            background-color: rgb(190, 51, 74);
        }
        .del{
            background-color: green;
        }
        li{
            margin: 5px;
        }
        .check{
            text-decoration: line-through;
            opacity: 0.5;
        }
        .fa-check{
            pointer-events: none;
        }
        .fa-trash-can{
            pointer-events: none;
        }
        .list{
            width:200px;
        }
    </style>
</head>
```

```html
<body>
    <div class="container">
        <h1>To Do List</h1>
        <div class="task" id="head">
            <input type="text"  class="todo" id="todo" placeholder="Enter Task to do">
            <div class="btn" id="btn1"><i id="btn" class="fa-solid fa-square-plus"></i></div>
        </div>
        <div class="box">
            <ul id="list">

            </ul>
        </div>
    </div>
    <script>
        var btn=document.getElementById("btn1");
        btn.onclick=add;
        var arr=[];
        window.onload=fetch;
        function fetch()
        {
            arr=[];
            if(!localStorage.getItem("list")==""){
                arr=localStorage.getItem("list");
                arr=arr.split(",")
            }
            display(arr);
        }
        function display()
        {
            arr.forEach(element => {
            let v=element;
            let item=document.createElement("li");
            document.getElementById("list").appendChild(item);
            let d=document.createElement("div");
            item.appendChild(d);
            d.className="task";
            let input=document.createElement("input");
            input.type="text";
            input.value=v;
            input.className="todo list";
            let i1=document.createElement("div");
            let i2=document.createElement("div");
            i1.className="btn tick";
            i2.className="btn del";
            i1.innerHTML=`<i class="fa-solid fa-check"></i>`;
            i2.innerHTML=`<i class="fa-solid fa-trash-can"></i>`;
```

```javascript
        d.appendChild(input);
        d.appendChild(i1);
        d.appendChild(i2);
        i1.onclick=check;
        i2.onclick=del;
        });
}
function add()
{
    let v=document.getElementById("todo").value;
    v=v.trim();
    if(!v==""){
    let item=document.createElement("li");
    document.getElementById("list").appendChild(item);
    let d=document.createElement("div");
    item.appendChild(d);
    d.className="task";
    let input=document.createElement("input");
    input.type="text";
    input.value=v;
    input.className="todo list";
    let i1=document.createElement("div");
    let i2=document.createElement("div");
    i1.className="btn tick";
    i2.className="btn del";
    i1.innerHTML=`<i class="fa-solid fa-check"></i>`;
    i2.innerHTML=`<i class="fa-solid fa-trash-can"></i>`;
    d.appendChild(input);
    d.appendChild(i1);
    d.appendChild(i2);
    i1.onclick=check;
    i2.onclick=del;
    arr.push(v);
    localStorage.setItem("list",arr);
    document.getElementById("todo").value="";
    }else alert("To Do cannot be blank");
}
function check(e){
    var i=e.target;
    var p=i.parentElement;
    p.classList.toggle("check");
}
function del(e){
    var i=e.target;
    var p=i.parentElement;
    var v=p.children[0];
    p.parentElement.remove(v);
    arr.pop(v);
```

```
            localStorage.setItem("list",arr);
        }
    </script>
</body>

</html>
```