<!DOCTYPE html>  
<html lang="en">  
  
<head>  
 <title>Local Storage Exercise</title>  
 <style>  
 .done {  
 color: red;  
 text-decoration: line-through;  
 }  
 </style>  
</head>  
  
<body>  
 <div class="container">  
 <ul class="myTasks"> </ul>  
 <form class="taskAdder">  
 <input type="text" name="task" placeholder="New Task Item" required>  
 <input type="submit" value="+Add"> </form>  
 </div>  
 <script>  
 const taskAdder = document.querySelector('.taskAdder');  
 const myTasks = document.querySelector('.myTasks');  
 const tasks = JSON.parse(localStorage.getItem('taskList')) || [];  
 taskAdder.addEventListener('submit', addTask);  
 myTasks.addEventListener('click', toggleDone);  
 outputTasks();  
  
 function addTask(e) {  
 e.preventDefault();  
 //console.log(this);  
 const textTask = this.querySelector('[name=task]').value;  
 const task = {  
 textTask, done: false  
 }  
 //console.log(textTask);  
 tasks.push(task);  
 saveStorage();  
 outputTasks();  
 //console.log(tasks);  
 this.reset();  
 }  
  
 function saveStorage() {  
 localStorage.setItem('taskList', JSON.stringify(tasks));  
 }  
  
 function outputTasks() {  
 let html = tasks.map(function (data, i) {  
 let myClass = data.done ? ' done ' : '';  
 return '<li data-index=' + i + '><div class="' + myClass + '">' + data.textTask + '<span class="remove"> x </span></div></li>';  
 })  
 myTasks.innerHTML = html.join('');  
 }  
  
 function toggleDone(e) {  
 //console.log(e);  
 const myEl = e.target;  
 const mySel = myEl.parentElement;  
 if (myEl.className === 'remove') {  
 let index = mySel.parentElement.dataset.index;  
 let temp = tasks.splice(index, 1);  
 console.log(temp);  
 }  
 else {  
 //console.log(e);  
 // console.log(tasks[mySel ]);  
 myEl.classList.toggle('done');  
 //console.log(myEl);  
 tasks[mySel.dataset.index].done = !tasks[mySel.dataset.index].done;  
 }  
 saveStorage();  
 //console.log(tasks);  
 outputTasks();  
 }  
 //console.dir(document);   
 /\* var testArray = [3,5,7];  
 var testDouble = testArray.map(function(data){  
 console.log(data);  
 return data \* 5;  
 })  
 console.log(testDouble); \*/  
 </script>  
</body>  
  
</html>