6 Write a Java script to create shopping applications which adds the books in cart, updates the existing books, delete the book and display the same. Create proper UI for the same. demo\_12.

<!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>Document</title>

    <style>

        body{

            font-family: Arial, Helvetica, sans-serif;

            background-image: url("BGGG.jpeg");

            background-size: 100%;

            height:100px;

        }

        #gnav{

            font-family: Arial, Helvetica, sans-serif;

            color: white;

            padding: 0.5%;

            border-radius: 2%;

        }

        #bookName{

            font-size: x-large;

        }

        #addThis{

            font-size: x-large;

            margin: 1%;

        }

        #upThis{

              font-size: x-large;

            margin: 1%;

        }

        #delThis{

              font-size: x-large;

            margin: 1%;

        }

        #gform{

            margin: auto;

        }

        .container{

            margin: auto;

        }

        #bookqty{

            font-size: x-large;

        }

    </style>

    <script src="utility.js"></script>

</head>

<body style="background-color: rgb(196, 139,72 );">

    <div class="container">

    <nav id='gnav' style="background-color: rgb(142,45,36);">

        <h1>The Story Keeper</h1>

    </nav>

    <h2>Enter Book's name</h2>

    <input type="text" id="bookName" placeholder="Book Name"><br><br>

    <input type="number" id="bookqty" placeholder="Book Quantity"><br><br>

    <button id="addThis" onclick="addBook()">Add this Book</button>

     <button id="upThis" onclick="upBook()">Update this Book</button>

      <button id="delThis" onclick="delBook()">Delete this Book</button>

    <h3 id="list"></h3>

</div>

<script>

    list = document.getElementById("list");

    EventUtil.addHandler(window,'load',initcomp);

    function initcomp(){

        list = document.getElementById('list');

        document.list.addEventListner("click",show);

        document.getElementById('addThis').addEventListener("click",addBook);

        document.getElementById('upThis').addEventListener("click",upBook);

        document.getElementById('delThis').addEventListener("click",delBook);

    }

    var arr = new Array();

    function shopping(x,y){

        this.txtname = x;

        this.txtqty = y;

    }

    function addBook()

    {

        let txtname = document.getElementById('bookName').value;

        let txtqty = document.getElementById('bookqty').value;

        var obj = new shopping(txtname,txtqty);

        arr.push(obj);

        display()

    }

    function display(){

        var str=" ";

        for(i=0;i<arr.length;i++){

            str+="<li>"+arr[i].txtname+" "+arr[i].txtqty+"</li>";

        }

        list.innerHTML = str;

    }

    function upBook(){

        for(i=0;i<arr.length;i++){

            if(arr[i].txtname==document.getElementById('bookName').value)

            {

                arr[i].txtqty = document.getElementById('bookqty').value;

            }

        }

        display();

    }

  function delBook() {

    for (i = 0; i < arr.length; i++) {

        if (arr[i].txtname == document.getElementById("bookName").value) {

            arr.splice(i, 1);

        }

    }

    display();

}

</script>

</body>

</html>