**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**KATTANKULATHUR – 603 203**

**15IT304J-Web Programming**

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**Register Number: RA1711003011318**

**Aim:** **Simple applications using AJAX.**

**Input:**

Index.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Audio Store</title>

    <style>

        table,th,td {

          border : 1px solid black;

          border-collapse: collapse;

        }

        th,td {

          padding: 5px;

        }

    </style>

</head>

<body>

    <h1>Welcome to Audio Store!</h1>

    <button type="button" onclick="loadXMLDoc()">Click to see my CD collection</button>

    <br><br>

    <table id="demo"></table>

    <script>

        function loadXMLDoc() {

        var xmlhttp = new XMLHttpRequest();

        xmlhttp.onreadystatechange = function() {

        if (this.readyState == 4 && this.status == 200) {

        myFunction(this);

        }

        };

        xmlhttp.open("GET", "cd.xml", true);

        xmlhttp.send();

        }

        function myFunction(xml) {

        var i;

        var xmlDoc = xml.responseXML;

        var table="<tr><th>Artist</th><th>Title</th><th>Country</th><th>Company</th><th>Year</th><th>Price</th></tr>";

        var x = xmlDoc.getElementsByTagName("CD");

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

            table += "<tr><td>" +

            x[i].getElementsByTagName("ARTIST")[0].childNodes[0].nodeValue +

            "</td><td>" +

            x[i].getElementsByTagName("TITLE")[0].childNodes[0].nodeValue +

            "</td><td>"+

            x[i].getElementsByTagName("COMPANY")[0].childNodes[0].nodeValue +

            "</td><td>"+

            x[i].getElementsByTagName("COUNTRY")[0].childNodes[0].nodeValue +

            "</td><td>"+

            x[i].getElementsByTagName("YEAR")[0].childNodes[0].nodeValue +

            "</td><td>"+

            x[i].getElementsByTagName("PRICE")[0].childNodes[0].nodeValue +

            "</td></tr>";

        }

        document.getElementById("demo").innerHTML = table;

        }

    </script>

</body>

</html>

cd.xml

<?xml version="1.0" encoding="UTF-8"?>

<CATALOG>

  <CD>

    <TITLE>Empire Burlesque</TITLE>

    <ARTIST>Bob Dylan</ARTIST>

    <COUNTRY>USA</COUNTRY>

    <COMPANY>Columbia</COMPANY>

    <PRICE>$10.90</PRICE>

    <YEAR>1985</YEAR>

  </CD>

  <CD>

    <TITLE>Hide your heart</TITLE>

    <ARTIST>Bonnie Tyler</ARTIST>

    <COUNTRY>UK</COUNTRY>

    <COMPANY>CBS Records</COMPANY>

    <PRICE>$9.90</PRICE>

    <YEAR>1988</YEAR>

  </CD>

  <CD>

    <TITLE>Greatest Hits</TITLE>

    <ARTIST>Dolly Parton</ARTIST>

    <COUNTRY>USA</COUNTRY>

    <COMPANY>RCA</COMPANY>

    <PRICE>$9.90</PRICE>

    <YEAR>1982</YEAR>

  </CD>

  <CD>

    <TITLE>Still got the blues</TITLE>

    <ARTIST>Gary Moore</ARTIST>

    <COUNTRY>UK</COUNTRY>

    <COMPANY>Virgin records</COMPANY>

    <PRICE>$10.20</PRICE>

    <YEAR>1990</YEAR>

  </CD>

  <CD>

    <TITLE>Eros</TITLE>

    <ARTIST>Eros Ramazzotti</ARTIST>

    <COUNTRY>EU</COUNTRY>

    <COMPANY>BMG</COMPANY>

    <PRICE>$9.90</PRICE>

    <YEAR>1997</YEAR>

  </CD>

  <CD>

    <TITLE>One night only</TITLE>

    <ARTIST>Bee Gees</ARTIST>

    <COUNTRY>UK</COUNTRY>

    <COMPANY>Polydor</COMPANY>

    <PRICE>$10.90</PRICE>

    <YEAR>1998</YEAR>

  </CD>

  <CD>

    <TITLE>Sylvias Mother</TITLE>

    <ARTIST>Dr.Hook</ARTIST>

    <COUNTRY>UK</COUNTRY>

    <COMPANY>CBS</COMPANY>

    <PRICE>$8.10</PRICE>

    <YEAR>1973</YEAR>

  </CD>

  <CD>

    <TITLE>Maggie May</TITLE>

    <ARTIST>Rod Stewart</ARTIST>

    <COUNTRY>UK</COUNTRY>

    <COMPANY>Pickwick</COMPANY>

    <PRICE>$8.50</PRICE>

    <YEAR>1990</YEAR>

  </CD>

  <CD>

    <TITLE>Romanza</TITLE>

    <ARTIST>Andrea Bocelli</ARTIST>

    <COUNTRY>EU</COUNTRY>

    <COMPANY>Polydor</COMPANY>

    <PRICE>$10.80</PRICE>

    <YEAR>1996</YEAR>

  </CD>

  <CD>

    <TITLE>When a man loves a woman</TITLE>

    <ARTIST>Percy Sledge</ARTIST>

    <COUNTRY>USA</COUNTRY>

    <COMPANY>Atlantic</COMPANY>

    <PRICE>$8.70</PRICE>

    <YEAR>1987</YEAR>

  </CD>

  <CD>

    <TITLE>Black angel</TITLE>

    <ARTIST>Savage Rose</ARTIST>

    <COUNTRY>EU</COUNTRY>

    <COMPANY>Mega</COMPANY>

    <PRICE>$10.90</PRICE>

    <YEAR>1995</YEAR>

  </CD>

  <CD>

    <TITLE>1999 Grammy Nominees</TITLE>

    <ARTIST>Many</ARTIST>

    <COUNTRY>USA</COUNTRY>

    <COMPANY>Grammy</COMPANY>

    <PRICE>$10.20</PRICE>

    <YEAR>1999</YEAR>

  </CD>

  <CD>

    <TITLE>For the good times</TITLE>

    <ARTIST>Kenny Rogers</ARTIST>

    <COUNTRY>UK</COUNTRY>

    <COMPANY>Mucik Master</COMPANY>

    <PRICE>$8.70</PRICE>

    <YEAR>1995</YEAR>

  </CD>

  <CD>

    <TITLE>Big Willie style</TITLE>

    <ARTIST>Will Smith</ARTIST>

    <COUNTRY>USA</COUNTRY>

    <COMPANY>Columbia</COMPANY>

    <PRICE>$9.90</PRICE>

    <YEAR>1997</YEAR>

  </CD>

  <CD>

    <TITLE>Tupelo Honey</TITLE>

    <ARTIST>Van Morrison</ARTIST>

    <COUNTRY>UK</COUNTRY>

    <COMPANY>Polydor</COMPANY>

    <PRICE>$8.20</PRICE>

    <YEAR>1971</YEAR>

  </CD>

  <CD>

    <TITLE>Soulsville</TITLE>

    <ARTIST>Jorn Hoel</ARTIST>

    <COUNTRY>Norway</COUNTRY>

    <COMPANY>WEA</COMPANY>

    <PRICE>$7.90</PRICE>

    <YEAR>1996</YEAR>

  </CD>

  <CD>

    <TITLE>The very best of</TITLE>

    <ARTIST>Cat Stevens</ARTIST>

    <COUNTRY>UK</COUNTRY>

    <COMPANY>Island</COMPANY>

    <PRICE>$8.90</PRICE>

    <YEAR>1990</YEAR>

  </CD>

  <CD>

    <TITLE>Stop</TITLE>

    <ARTIST>Sam Brown</ARTIST>

    <COUNTRY>UK</COUNTRY>

    <COMPANY>A and M</COMPANY>

    <PRICE>$8.90</PRICE>

    <YEAR>1988</YEAR>

  </CD>

  <CD>

    <TITLE>Bridge of Spies</TITLE>

    <ARTIST>T'Pau</ARTIST>

    <COUNTRY>UK</COUNTRY>

    <COMPANY>Siren</COMPANY>

    <PRICE>$7.90</PRICE>

    <YEAR>1987</YEAR>

  </CD>

  <CD>

    <TITLE>Private Dancer</TITLE>

    <ARTIST>Tina Turner</ARTIST>

    <COUNTRY>UK</COUNTRY>

    <COMPANY>Capitol</COMPANY>

    <PRICE>$8.90</PRICE>

    <YEAR>1983</YEAR>

  </CD>

  <CD>

    <TITLE>Midt om natten</TITLE>

    <ARTIST>Kim Larsen</ARTIST>

    <COUNTRY>EU</COUNTRY>

    <COMPANY>Medley</COMPANY>

    <PRICE>$7.80</PRICE>

    <YEAR>1983</YEAR>

  </CD>

  <CD>

    <TITLE>Pavarotti Gala Concert</TITLE>

    <ARTIST>Luciano Pavarotti</ARTIST>

    <COUNTRY>UK</COUNTRY>

    <COMPANY>DECCA</COMPANY>

    <PRICE>$9.90</PRICE>

    <YEAR>1991</YEAR>

  </CD>

  <CD>

    <TITLE>The dock of the bay</TITLE>

    <ARTIST>Otis Redding</ARTIST>

    <COUNTRY>USA</COUNTRY>

    <COMPANY>Stax Records</COMPANY>

    <PRICE>$7.90</PRICE>

    <YEAR>1968</YEAR>

  </CD>

  <CD>

    <TITLE>Picture book</TITLE>

    <ARTIST>Simply Red</ARTIST>

    <COUNTRY>EU</COUNTRY>

    <COMPANY>Elektra</COMPANY>

    <PRICE>$7.20</PRICE>

    <YEAR>1985</YEAR>

  </CD>

  <CD>

    <TITLE>Red</TITLE>

    <ARTIST>The Communards</ARTIST>

    <COUNTRY>UK</COUNTRY>

    <COMPANY>London</COMPANY>

    <PRICE>$7.80</PRICE>

    <YEAR>1987</YEAR>

  </CD>

  <CD>

    <TITLE>Unchain my heart</TITLE>

    <ARTIST>Joe Cocker</ARTIST>

    <COUNTRY>USA</COUNTRY>

    <COMPANY>EMI</COMPANY>

    <PRICE>$8.20</PRICE>

    <YEAR>1987</YEAR>

  </CD>

</CATALOG>

**Output:-**



