UCS1601---INTERNET PROGRAMMING

ASSIGNMENT-6

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CSE-C

DATE:31/03/2021

Write a Ajax program to display branch details for a bank as a Single Page Application. Create a XML file to store all branch details for the bank with fields State, District, branch, address, IFSC, MICR, branch code. Create a table format in Ajax to display all branches of the bank. On click each branch, display all details about the particular branch (Ajax).

INDEX.HTML:

```html
<!DOCTYPE html>
<html>

<style>
body {
  background-color: #FFF8DC;
}
table,th,td {
  border : 1px solid black;
  border-collapse: collapse;
  background-color: #E0FFFF;
}
th,td {
  padding: 5px;
}
</style>
```

```html
<body>
<h1>Assignment-6</h1>

<button id="b1" type="button" onclick="loadDoc()">Get Branch
Names</button>
<br><br>
<table id="demo"></table>
<table id="details"></table>

<script>
function loadDoc() {
  var xhttp = new XMLHttpRequest();

  xhttp.onreadystatechange = function() {
    if (this.readyState == 4 && this.status == 200) {
      myFunction1(this);
    }
  };
  xhttp.open("GET", "bank_details.xml", true);
  xhttp.send();
}

function myFunction2(i) {
  var xhttp = new XMLHttpRequest();

  xhttp.onreadystatechange = function() {
    if (this.readyState == 4 && this.status == 200) {
      dispDetails(this , i);
    }
  };
  xhttp.open("GET", "bank_details.xml", true);
  xhttp.send();
}

function myFunction1(xml) {
  var i;
  var xmlDoc = xml.responseXML;
  var table="<tr><th>BRANCH NAMES</th></tr>";
```

```javascript
    var x = xmlDoc.getElementsByTagName("BANK");
    for (i = 0; i <x.length; i++) {
      table += `<tr><td><button type="button"
onclick="myFunction2(${i})" style="width:100%;">`+

x[i].getElementsByTagName("BRANCH")[0].childNodes[0].nodeVal
ue +
      `</button></td></tr>`;
    }
    document.getElementById("demo").innerHTML = table;
}

function dispDetails(xml , i) {
    var xmlDoc = xml.responseXML;
    var x = xmlDoc.getElementsByTagName("BANK");
    var table1=`<tr><th>DETAILS</th></tr>`;
      table1 += "<tr><td>STATE:</td><td>" +
x[i].getElementsByTagName("STATE")[0].childNodes[0].nodeValu
e + "</td></tr>" +
            "<tr><td>DISTRICT:</td><td>" +
x[i].getElementsByTagName("DISTRICT")[0].childNodes[0].nodeV
alue + "</td></tr>" +
            "<tr><td>BRANCH:</td><td>" +
x[i].getElementsByTagName("BRANCH")[0].childNodes[0].nodeVal
ue + "</td></tr>" +
            "<tr><td>ADDRESS:</td><td>" +
x[i].getElementsByTagName("ADDRESS")[0].childNodes[0].nodeVa
lue + "</td></tr>" +
            "<tr><td>IFSC:</td><td>" +
x[i].getElementsByTagName("IFSC")[0].childNodes[0].nodeValue
+ "</td></tr>" +
            "<tr><td>MICR:</td><td>" +
x[i].getElementsByTagName("MICR")[0].childNodes[0].nodeValue
+ "</td></tr>" +
            "<tr><td>BCODE:</td><td>" +
x[i].getElementsByTagName("BCODE")[0].childNodes[0].nodeValu
e + "</td></tr>";
    document.getElementById("details").innerHTML = table1;
```

```
}
</script>

</body>
</html>
```

BANK-DETAILS.XML:

```
<CATALOG>

<BANK>

<STATE>TAMIL NADU</STATE>
<DISTRICT>CHENNAI</DISTRICT>
<BRANCH>ARM BRANCH</BRANCH>
<ADDRESS>PLOT NO 1236, NEW NO 41, 18TH MAIN ROAD, ANNA NAGAR
WEST, CHENNAI</ADDRESS>
<IFSC>SBIN0012747</IFSC>
<MICR>600002172</MICR>
<BCODE>001</BCODE>

</BANK>

<BANK>

<STATE>TAMIL NADU</STATE>
<DISTRICT>DINDIGUL</DISTRICT>
<BRANCH>ADALUR</BRANCH>
<ADDRESS>REDDIAR CHATRAM, PO PERUMPARI, DINDIGUL</ADDRESS>
<IFSC>SBIN0007039</IFSC>
<MICR>624002051</MICR>
<BCODE>002</BCODE>

</BANK>

<BANK>

<STATE>SIKKIM</STATE>
```

```xml
<DISTRICT>EAST SIKKIM</DISTRICT>
<BRANCH>GANTOK</BRANCH>
<ADDRESS>MG MARG, GANGTOK</ADDRESS>
<IFSC>SBIN0000232</IFSC>
<MICR>737002002</MICR>
<BCODE>003</BCODE>

</BANK>

<BANK>

<STATE>KERALA</STATE>
<DISTRICT>THRISSUR</DISTRICT>
<BRANCH>ADMINISTRATIVE OFFICE</BRANCH>
<ADDRESS>SREE SHOPPING COMPLEX, KARUNAKARAN NAMBIAR ROAD,
THRISSUR,KERALA</ADDRESS>
<IFSC>SBIN0016218</IFSC>
<MICR>NON-MICR</MICR>
<BCODE>004</BCODE>

</BANK>

<BANK>

<STATE>DELHI</STATE>
<DISTRICT>NEW DELHI</DISTRICT>
<BRANCH>ALANGUDI</BRANCH>
<ADDRESS>GREATER KAILASH, PART I, NEW DELHI</ADDRESS>
<IFSC>SBIN0001078</IFSC>
<MICR>110002042</MICR>
<BCODE>005</BCODE>

</BANK>

</CATALOG>
```
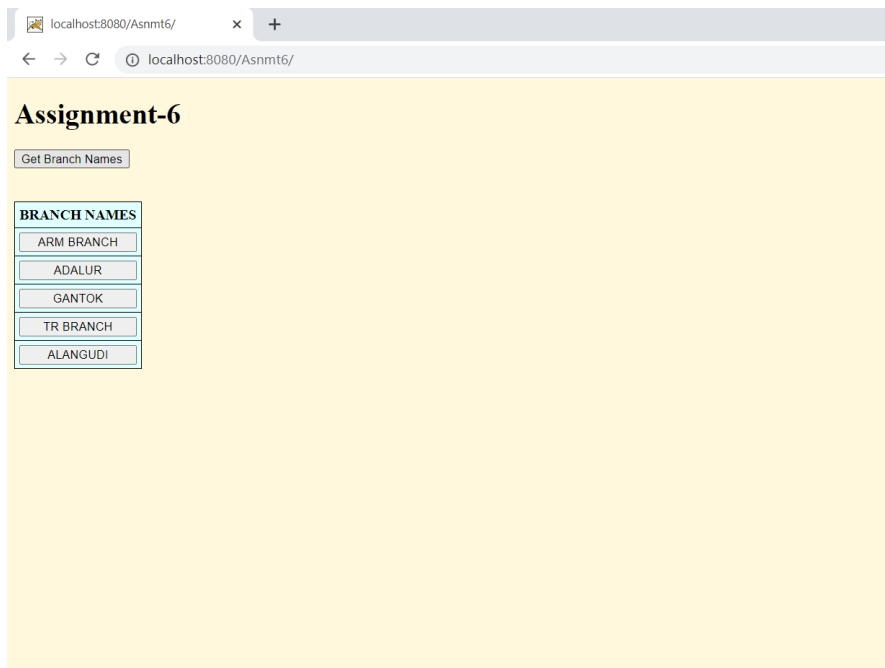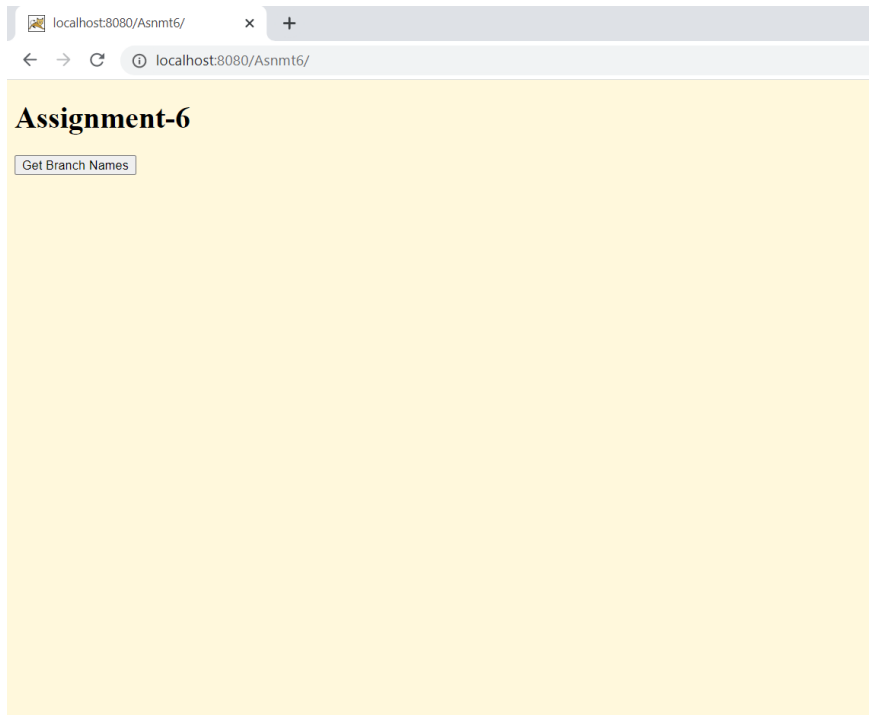
OUTPUT SCREENSHOTS:

Assignment-6

Get Branch Names

BRANCH NAMES
ARM BRANCH
ADALUR
GANTOK
TR BRANCH
ALANGUDI

DETAILS	
STATE:	TAMIL NADU
DISTRICT:	CHENNAI
BRANCH:	ARM BRANCH
ADDRESS:	PLOT NO 1236, NEW NO 41, 18TH MAIN ROAD, ANNA NAGAR WEST, CHENNAI
IFSC:	SBIN0012747
MICR:	600002172
BCODE:	001

Assignment-6

Get Branch Names

BRANCH NAMES
ARM BRANCH
ADALUR
GANTOK
TR BRANCH
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DETAILS	
STATE:	SIKKIM
DISTRICT:	EAST SIKKIM
BRANCH:	GANTOK
ADDRESS:	MG MARG, GANGTOK
IFSC:	SBIN0000232
MICR:	737002002
BCODE:	003