

All Online Learning

www.allonlinelearning.com

Question:

In an organization 'X' Employees are categorised as :Technical employees, Non-Technical employees and Management employees, Every employee has FirstName, LastName, ContactNo and E-mailID as shown in the following sample data.

Category of employee	FirstName	LastName	ContactNo	E-mailID
Technical	Bob	Dylan	1224567847	Bob@gmail.com
Non-technical	Gary	Moore	2546879546	Gary @gmail.com
Management	Rod	Stewart	8459621486	Rod @gmail.com

1. Create xml document for employees .
2. Display the result as per above table using XML DOM.

Solution:

q1.xml

```
<Company>
  <Employee category = "Technical" id = "firstelement">
    <Categoryofemployee>Technical</Categoryofemployee>
    <FirstName>Bob</FirstName>
    <LastName>Dylan</LastName>
    <ContactNo>1224567847</ContactNo>
    <Email>bob@gmail.com</Email>
  </Employee>

  <Employee category = "Non-Technical">
    <Categoryofemployee>Non-Technical Technical</Categoryofemployee>
    <FirstName>Gary</FirstName>
    <LastName>Moore</LastName>
    <ContactNo>2546879546</ContactNo>
    <Email>gray@gmail.com</Email>
  </Employee>
```

All Online Learning

www.allonlinelearning.com

```
<Employee category = "Management">
<Categoryofemployee>Management</Categoryofemployee>
  <FirstName>Rod</FirstName>
  <LastName>Stewart</LastName>
  <ContactNo>8459621486</ContactNo>
  <Email>rod@gmail.com</Email>
</Employee>
</Company>
```

q1.html

```
<!DOCTYPE html>
<html>
<style>
table,th,td {
  border : 1px solid black;
  border-collapse: collapse;
}
th,td {
  padding: 5px;
}
</style>
<body>

<button type="button" onclick="loadXMLDoc()">Data of COMPANY X </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", "q1.xml", true);
```

All Online Learning

www.allonlinelearning.com

```
xmlhttp.send();
}
function myFunction(xml) {
  var i;
  var xmlDoc = xml.responseXML;
  var
table="<tr><th>Categoryofemployee</th><th>FirstName</th><th>LastName</th><th>Contact
No</th><th>Email</th></tr>";
  var x = xmlDoc.getElementsByTagName("Employee");
  for (i = 0; i < x.length; i++) {
    table += "<tr><td>" +
      x[i].getElementsByTagName("Categoryofemployee")[0].childNodes[0].nodeValue +
      "</td><td>" +
      x[i].getElementsByTagName("FirstName")[0].childNodes[0].nodeValue +
      "</td><td>" +
      x[i].getElementsByTagName("LastName")[0].childNodes[0].nodeValue +
      "</td><td>" +
      x[i].getElementsByTagName("ContactNo")[0].childNodes[0].nodeValue +
      "</td><td>" +
      x[i].getElementsByTagName("Email")[0].childNodes[0].nodeValue +
      "</td></tr>";
  }
  document.getElementById("demo").innerHTML = table;
}
</script>

</body>
</html>
```

All Online Learning

www.allonlinelearning.com

Output:

/C:/Users/Lalman/Desktop/endsem X +

← → ↻ 🏠 ⓘ file:///C:/Users/Lalman/Desktop/endsemp/q1.htm

Data of COMPANY X

Categoryofemployee	FirstName	LastName	ContactNo	Email
Technical	Bob	Dylan	1224567847	bob@gmail.com
Non-Technical Technical	Gary	Moore	2546879546	gray@gmail.com
Management	Rod	Stewart	8459621486	rod@gmail.com