

## Objectives

- **Task 1**  
Create an XML file with 4 employee details
- **Task 2**  
Implement AJAX to read XML file and display employee name, email, salary and display in the following format.
- **Task 3**  
Implement AJAX to read xml file and display employee Name, Designation, Experience – whose salary > 50000.
- **Task 4**  
Create JSON with 4 employee details
- **Task 5**  
Implement AJAX to read json file and display employee name in the form of list whose experience is greater than 5 years.

## Task 1

Create an XML file with 4 employee details

EmpNames	Email	Salary	Experience	Designation
Chandra Mohan D	<a href="mailto:chandu.d@gmail.com">chandu.d@gmail.com</a>	95000	6	Assistant Professor

## Code

```
<employees>
  <employee>
    <name>John</name>
    <email>John@gmail.com</email>
```

```

        <salary>80000</salary>
        <experience>7</experience>
        <designation>Manager</designation>
    </employee>
    <employee>
        <name>Daniel</name>
        <email>Daniel@gmail.com</email>
        <salary>60000</salary>
        <experience>5</experience>
        <designation>Assistant Secretary</designation>
    </employee>
    <employee>
        <name>Jerry</name>
        <email>Jerry@gmail.com</email>
        <salary>40000</salary>
        <experience>1</experience>
        <designation>Junior Intern</designation>
    </employee>
    <employee>
        <name>Terry</name>
        <email>Terry@gmail.com</email>
        <salary>20000</salary>
        <experience>3</experience>
        <designation>Floor Manager</designation>
    </employee>
</employees>

```

## Task 2

Implement AJAX to read XML file and display employee name, email, salary and display in the following format.

EmpName	Email	Salary
Sai	<a href="mailto:sai@gmail.com">sai@gmail.com</a>	25000


## Code

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

      th, td{
        padding: 5px;
      }
    </style>
  </head>
  <body>
    <h2>Employee Details</h2>

    <button type="button" onclick="loadDoc()">Get Employee Details</button>
    <br>

    <table id="emp"></table>

  <script>
    function loadDoc(){
      var xhttp = new XMLHttpRequest();
      xhttp.onreadystatechange = function()
      {
        if(this.readyState == 4 && this.status == 200)
        {
          myFunction(this);
        }
      };
      xhttp.open("GET","employees.xml",true);
      xhttp.send();
    }

    function myFunction(xml)
    {
      var i;
      var xmlDoc = xml.responseXML;
      var table="<tr><th>Name</th><th>Email</th><th>Salary</th></tr>";
      var x = xmlDoc.getElementsByTagName("employee");
      for(i=0;i<x.length;i++)
      {
```

```

        table += "<tr><td>" +
x[i].getElementsByTagName("name")[0].childNodes[0].nodeValue +
        "</td><td>" +
x[i].getElementsByTagName("email")[0].childNodes[0].nodeValue +
        "</td><td>" +
x[i].getElementsByTagName("salary")[0].childNodes[0].nodeValue +
        "</td></tr>";

    }
    document.getElementById("emp").innerHTML = table;

}
</script>

</body>

</html>

```



### Task 3

Implement AJAX to read xml file and display employee Name, Designation, Experience – whose salary > 50000.

Format

Empname	Designation	Experience	Salary
Rudraunsh	Professor	22	250000

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## Code

```
<script>

    function loadDoc(){
        var xhttp = new XMLHttpRequest();
        xhttp.onreadystatechange = function()
        {
            if(this.readyState == 4 && this.status == 200)
            {
                myFunction(this);
            }
        };
        xhttp.open("GET","employees.xml",true);
        xhttp.send();
    }
    function myFunction(xml)
    {
        var i;
        var xmlDoc = xml.responseXML;
        var
table="<tr><th>Name</th><th>Designation</th><th>Experience</th><th>Salary</th></tr>";
        var x = xmlDoc.getElementsByTagName("employee");
        for(i=0;i<x.length;i++)
        {
            if(x[i].getElementsByTagName("salary")[0].childNodes[0].nodeValue > 50000)
                table += "<tr><td>" +
x[i].getElementsByTagName("name")[0].childNodes[0].nodeValue +
                "</td><td>" +
x[i].getElementsByTagName("designation")[0].childNodes[0].nodeValue +
                "</td><td>" +
x[i].getElementsByTagName("experience")[0].childNodes[0].nodeValue +
                "</td><td>" +
x[i].getElementsByTagName("salary")[0].childNodes[0].nodeValue +
                "</td></tr>";
        }
    }
</script>
```

```

    }

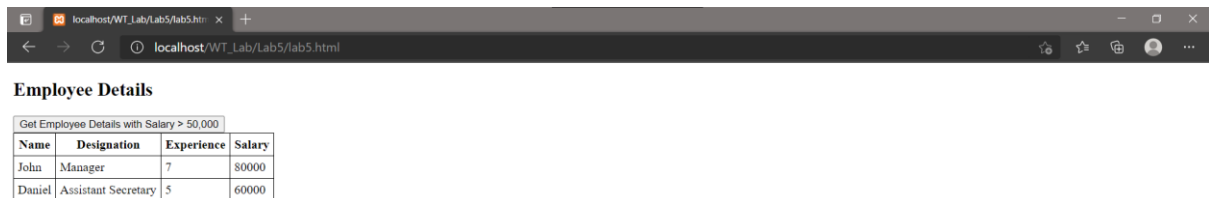
    document.getElementById("emp").innerHTML = table;

}

</script>

```

## Output



## Task 4

Create JSON with 4 employee details

EmpName	Email	Salary	Experience	Designation
Chandra Mohan D	<a href="mailto:chandu.d@gmail.com">chandu.d@gmail.com</a>	95000	6	Assistant Professor

## Code

```

{"employees":[
    {
        "name":"John",
        "email":"john@gmail.com",
        "salary":"80000",
        "experience":"7",
        "designation":"Manager"},

```

```

    {"name":"Daniel", "email":"daniel@gmail.com", "salary":"60000", "experience":"5",
    "designation":"Assistant Secretary"},

    {"name":"Jerry", "email":"jerry@gmail.com", "salary":"40000", "experience":"1",
    "designation":"Junior Intern"},

    {"name":"Terry", "email":"terry@gmail.com", "salary":"20000", "experience":"3",
    "designation":"Floor Manager"}

  ]}

```

## Task 5

Implement AJAX to read json file and display employee name in the form of list whose experience is greater than 5 years.

## Code

```

<!DOCTYPE html>
<html>
  <head>
    <style>
      table, th, td{
        border:1px solid black;
        border-collapse: collapse;
      }

      th, td{
        padding: 5px;
      }
    </style>
  </head>
  <body>
    <h2>Employee Details</h2>

    <div id="emp">
      <button type="button" onclick="loadXMLDoc()">Get Employee Names - Experience > 5
    </button>
    </div>
    <ol id="data">
    </ol>

    <script>
      function loadXMLDoc(){
        var xhttp = new XMLHttpRequest();
        xhttp.onreadystatechange = function()
        {
          if(this.readyState == 4 && this.status == 200)
          {
            var jsonObj = JSON.parse(xhttp.responseText);
            var str=" "

```

```
        for(var i=0;i<jsonObj.employees.length;i++)
        if(jsonObj.employees[i].experience>5)
        str=str+"<li>"+jsonObj.employees[i].name+"</li>"

        document.getElementById("data").innerHTML = str
    }
};
xhttp.open("GET","employee.json",true);
xhttp.send();
}

</script>

</body>

</html>
```

## Output

