

1. Create an JSON File for student where it contains the following data (Minimum 5 Records):
(student Name, Address,Birthdate,Gender,Moblie_No).

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title> Pro 1 </title>
</head>

<body>
    <div id="i1"> </div>
<script>
    var xmlhttp = new XMLHttpRequest();
    var url = "js1.txt";

    xmlhttp.onreadystatechange = function() {
        if(this.readyState == 4 && this.status == 200) {
            var myArr = JSON.parse(this.responseText);
            myFuction(myArr);
        }
    };
    xmlhttp.open("GET", url, true);
    xmlhttp.send();

    function myFuction(arr) {
        var out = "";
        var i;
        for(i = 0; i < arr.length; i++) {
            out += "<div class='stu'>";
            out += "<h3>"+ arr[i].Name + "</h3>" ;
            out += "<p> <b> Address : </b>" + arr[i].Address + "</p>" ;
            out += "<p> <b> Birthdate : </b>" + arr[i].Birthdate + "</p>" ;
            out += "<p> <b> Gender : </b>" + arr[i].Gender + "</p>" ;
            out += "<p> <b> Mobile_no : </b>" + arr[i].Mobile_no + "</p>" ;
            out += "</div>" ;
        }
        document.getElementById("i1").innerHTML = out;
    }
</script>
</body>
</html>
[
    {
        "Name" : "Vansh",
        "Address" : "79 Vanar pur",

```

```
"Birthdate" : "03-12-2006",  
"Gender" : "Male",  
"Mobile_no" : "7816063971"  
},  
{  
  "Name" : "Dax",  
  "Address" : "85 Lalan Town" ,  
  "Birthdate" : "25-5-2006",  
  "Gender" : "Male",  
  "Mobile_no" : "9764310258"  
},  
{  
  "Name" : "Suraj",  
  "Address" : "20 Chandra nagri" ,  
  "Birthdate" : "27-8-2006",  
  "Gender" : "Male",  
  "Mobile_no" : "8764591035"  
},  
{ "Name" : "Naitik",  
  "Address" : "3 Jungle van" ,  
  "Birthdate" : "9-8-2006",  
  "Gender" : "Male",  
  "Mobile_no" : "6597031642"  
},  
{ "Name" : "Kasim",  
  "Address" : "205 Rudar pura" ,  
  "Birthdate" : "14-8-2005",  
  "Gender" : "Male",
```

```
"Mobile_no" : "8794445106"  
}  
]
```

Vansh

Address : 79 Vanar pur

Birthdate : 03-12-2006

Gender : Male

Mobile_no : 7816063971

Dax

Address : 85 Lalan Town

Birthdate : 25-5-2006

Gender : Male

Mobile_no : 9764310258

Suraj

Address : 20 Chandra nagri

Birthdate : 27-8-2006

Gender : Male

Mobile_no : 8764591035

Naitik

Address : 3 Jungle van

Birthdate : 9-8-2006

Gender : Male

Mobile_no : 6597031642

Kasim

Address : 205 Rudar pura

Birthdate : 14-8-2005

Gender : Male

Mobile_no : 8794445106

2. Create an JSON File which will display the Doctor information which includes, Doctor_id, Doctor_ Name, Doctor_ ContactNo, Doctor_ Specialization) (Minimum 5 Records):

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title> Pro 2 </title>
</head>
<body>
    <div id="i1"> </div>

<script>
    var xmlhttp = new XMLHttpRequest();
    var url = "js2.txt";

    xmlhttp.onreadystatechange = function() {
        if(this.readyState == 4 && this.status == 200) {
            var myArr = JSON.parse(this.responseText);
            myFuction(myArr);
        }
    };
    xmlhttp.open("GET", url, true);
    xmlhttp.send();

    function myFuction(arr) {
        var out = "";
        var i;
        for(i = 0; i < arr.length; i++) {
            out += "<div class='doc'>";
            out += "<h3>"+ arr[i].did + "</h3>" ;
            out += "<p> <b> Doctor_Name : </b>" + arr[i].name + "</p>" ;
            out += "<p> <b> Doctor_ContactNo : </b>" + arr[i].cono + "</p>" ;
            out += "<p> <b> Doctor_specialization : </b>" +
arr[i].specialization + "</p>" ;
            out += "</div>" ;
        }
        document.getElementById("i1").innerHTML = out;
    }
</script>
</body>
</html>

```

```

[
{

```

```
"did" : "101" ,  
"name" : "DR.Krish" ,  
"cono" : "9876543210" ,  
"specialization" : "Neurology specialists"  
},  
{  
"did" : "102" ,  
"name" : "DR.Raj" ,  
"cono" : "8765432109" ,  
"specialization" : "Dermatology specialists"  
},  
{  
"did" : "103" ,  
"name" : "DR.Khushal" ,  
"cono" : "7654321098" ,  
"specialization" : "Cardiologist"  
},  
{  
"did" : "104" ,  
"name" : "DR.Parth" ,  
"cono" : "9123456789" ,  
"specialization" : "Neurology specialists"  
},  
{  
"did" : "105" ,  
"name" : "DR.Harshvardhanh" ,  
"cono" : "8987654321" ,
```

```
"specialization" : "Dermatology specialists"  
}  
]
```

101

Doctor_Name : DR.Krish

Doctor_ContactNo : 9876543210

Doctor_specialization : Neurology specialists

102

Doctor_Name : DR.Raj

Doctor_ContactNo : 8765432109

Doctor_specialization : Dermatology specialists

103

Doctor_Name : DR.Khushal

Doctor_ContactNo : 7654321098

Doctor_specialization : Cardiologist

104

Doctor_Name : DR.Parth

Doctor_ContactNo : 9123456789

Doctor_specialization : Neurology specialists

105

Doctor_Name : DR.Harshvardhanh

Doctor_ContactNo : 8987654321

Doctor_specialization : Dermatology specialists

3. Create an JSON document Books where its contain the Following data
Books(Book_Title,author,year,publisher)

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title> Pro 3 </title>
</head>
<body>

    <div id="i1"> </div>

<script>
    var xmlhttp = new XMLHttpRequest();
    var url = "js3.txt";

    xmlhttp.onreadystatechange = function() {
        if(this.readyState == 4 && this.status == 200) {
            var myArr = JSON.parse(this.responseText);
            myFuction(myArr);
        }
    };
    xmlhttp.open("GET", url, true);
    xmlhttp.send();

    function myFuction(arr) {
        var out = "";
        var i;
        for(i = 0; i < arr.length; i++) {
            out += "<div class='Book'>";
            out += "<h3>"+ arr[i].title + "</h3>" ;
            out += "<p> <b> Author : </b>" + arr[i].author + "</p>" ;
            out += "<p> <b> Year : </b>" + arr[i].year + "</p>" ;
            out += "<p> <b> publisher : </b>" + arr[i].publisher + "</p>" ;
            out += "</div>" ;
        }
        document.getElementById("i1").innerHTML = out;
    }
</script>
</body>
</html>
[
    {

```

```
"title" : "Gujrarati dish" ,  
"author" : "Daya gada" ,  
"year" : "2021" ,  
"publisher" : "Natavr inc."  
},  
  
{  
  
"title" : "panjabi dish" ,  
"author" : "Roshan singh shodhi" ,  
"year" : "2023" ,  
"publisher" : "Prabhas books"  
},  
  
{  
  
"title" : "winter were" ,  
"author" : "Popat lal" ,  
"year" : "2023" ,  
"publisher" : "Natu lal."  
},  
  
{  
  
"title" : "Animal kingdom" ,  
"author" : "Doctor hathi" ,  
"year" : "2020" ,  
"publisher" : "Chotu chaman"  
},  
  
{  
  
"title" : "Duniya ne undha chasma" ,  
"author" : "Tarakh mehta" ,
```



```
"year" : "2010" ,  
"publisher" : "Papu patel"  
}
```

Gujrarati dish

Author : Daya gada

Year : 2021

publisher : Natavr inc.

panjabi dish

Author : Roshan singh shodhi

Year : 2023

publisher : Prabhas books

winter were

Author : Popat lal

Year : 2023

publisher : Natu lal.

Animal kingdom

Author : Doctor hathi

Year : 2020

publisher : Chotu chaman

Duniya ne undha chasma

Author : Tarakh mehta

Year : 2010

publisher : Papu patel

]

4. Create an XML document for student where it contains the following data: (student Name, Personal info(Address,Birthdate,Gender,Mobile_No,)), Result(Total, Percentage, Grade)

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title> pro 4 </title>

  <style>
    table,th,td {
      border: 2px solid black;
      border-collapse: collapse;
    }
  </style>
</head>
<body>

  <h1> student Data </h1>

  <button type="button" onclick="loadDoc()"> Doc Info </button>
  <br> <br>
  <table id="demo"></table>

  <script>
    function loadDoc() {
      var xhttp = new XMLHttpRequest();
      xhttp.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
          myFunction(this);
        }
      };
      xhttp.open("GET","pro2.xml", true);
      xhttp.send();
    }

    function myFunction(xml) {
      var i;
      var xmlDoc = xml.responseXML;
      var table = "<tr> <th> name </th> <th> address </th> <th> birthdate
</th> <th> gender </th> <th> mobile </th> <th> total </th> <th> percentage </th>
<th> grade </th> </tr>";
      var x = xmlDoc.getElementsByTagName("class");
      for (i = 0; i <x.length; i++) {
        table += "<tr> <td>" +
          x[i].getElementsByTagName("name")[0].childNodes[0].nodeValue +
          "</td> <td>" +
```

```

        x[i].getElementsByTagName("address"),)[0].childNodes[0].nodeValue
+
        "</td> <td>" +
        x[i].getElementsByTagName("birthdate")
[0].childNodes[0].nodeValue +
        "</td> <td>" +
        x[i].getElementsByTagName("gender")[0].childNodes[0].nodeValue +
        "</td> <td>" +
        x[i].getElementsByTagName("mobile")[0].childNodes[0].nodeValue +
        "</td> <td>" +
        x[i].getElementsByTagName("total")[0].childNodes[0].nodeValue +
        "</td> <td>" +
        x[i].getElementsByTagName("percentage")
[0].childNodes[0].nodeValue +
        "</td> <td>" +
        x[i].getElementsByTagName("grade")[0].childNodes[0].nodeValue +
        "</td> </tr>" ;
    }
    document.getElementById("demo").innerHTML = table;
}
</script>

</body>
</html>

```

```

<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet href="C:\Users\ASUS\OneDrive\Desktop\krish\stye2.css"
type="text/css"?>
<student>
<class>
<name> Krish </name>
<info>
<address> 27, Dwarkadhis soc. </address>
<birthdate> 03-05-2006 </birthdate>
<gender> Male </gender>
<mobile> 7383638689 </mobile>
</info>
<marks> Result </marks>
<result>
<total> 420/600 </total>
<percentage> 70% </percentage>
<grade> B </grade>
</result>
</class>
<class>
<name> Raj </name>
<info>
<address> 52, Narayan nagar </address>
<birthdate> 23-10-2006 </birthdate>
<gender> Male </gender>
<mobile> 7840249018 </mobile>

```

```

</info>
<marks> Result </marks>
<result>
<total> 390/600 </total>
<percentage>65% </percentage>
<grade> B </grade>
</result>
</class>
<class>
<name> Harshvardhan </name>
<info>
<address> 103, swashtik palace. </address>
<birthdate> 09-03-2005 </birthdate>
<gender> Male </gender>
<mobile> 9874014778 </mobile>
</info>
<marks> Result </marks>
<result>
<total> 350/600 </total>
<percentage> 58% </percentage>
<grade> C </grade>
</result>
</class>
<class>
<name> Parth </name>
<info>
<address> 420, lal nagar. </address>
<birthdate> 30-7-2006 </birthdate>
<gender> Male </gender>
<mobile> 8794690136 </mobile>
</info>
<marks> Result </marks>
<result>
<total> 290/600 </total>
<percentage> 48% </percentage>
<grade> D </grade>
</result>
</class>
<class>
<name> Khushal </name>
<info>
<address> 69, Lajpat nagar</address>
<birthdate> 25-2-2006 </birthdate>
<gender> Male </gender>
<mobile> 9784561230 </mobile>
</info>
<marks> Result </marks>
<result>
<total> 300/600 </total>
<percentage> 50% </percentage>
<grade> C </grade>
</result>

```

```
</class>  
</student>
```

student Data

Doc Info

name	address	birthdate	gender	mobile	total	percentage	grade
Krish	27, Dwarkadhis soc.	03-05-2006	Male	7383638689	420/600	70%	B
Raj	52, Narayan nagar	23-10-2006	Male	7840249018	390/600	65%	B
Harshvardhan	103, swashtik palace.	09-03-2005	Male	9874014778	350/600	58%	C
Parth	420, lal nagar.	30-7-2006	Male	8794690136	290/600	48%	D
Khushal	69, Lajpat nagar	25-2-2006	Male	9784561230	300/600	50%	C

5. Create an JSON File for student where it contains the following data: (student Name, Address,Birthdate,Gender,Mobile_No,) To Read/Retrive data from XML file using Ajax.

```

<!DOCTYPE html>

<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title> Pro 5 </title>

  <style>
    table,th,td {
      border: 2px solid black;
    }
  </style>
</head>
<body>
  <h1> Student Details </h1>
  <table id="i1"></table>

<script>
  var xmlhttp = new XMLHttpRequest();
  var url = "js5.txt";

  xmlhttp.onreadystatechange = function() {
    if(this.readyState == 4 && this.status == 200) {
      var myArr = JSON.parse(this.responseText);
      myFuction(myArr);
    }
  };
  xmlhttp.open("GET", url, true);
  xmlhttp.send();

  function myFuction(arr) {
    var out = "";
    var i;
    var table = "<tr> <th> name </th> <th> address </th> <th> birthdate </th>
<th> gender </th> <th> mobile </th> </tr>";
    for(i = 0; i < arr.length; i++) {
      out += "<div class='stu'>";
      out += "<tr> <td> <b> Name : </b>" + arr[i].Name + "</td>" ;
      out += "<td> <b> Address : </b>" + arr[i].Address + "</td>" ;
      out += "<td> <b> Birthdate : </b>" + arr[i].Birthdate + "</td>" ;
      out += "<td> <b> Gender : </b>" + arr[i].Gender + "</td>" ;
      out += "<td> <b> Mobile_no : </b>" + arr[i].Mobile_no + "</td> </tr>" ;
      out += "</div>" ;
    }
    document.getElementById("i1").innerHTML = out;
  }

```

```
}  
</script>
```

```
</body>  
</html>
```

```
[  
  {  
    "Name" : "Hardik",  
    "Address" : "79 Vanar pur" ,  
    "Birthdate" : "03-12-2006",  
    "Gender" : "Male",  
    "Mobile_no" : "8974563201"  
  },  
  {  
    "Name" : "Harsit",  
    "Address" : "85 Lalan Town" ,  
    "Birthdate" : "30-8-2006",  
    "Gender" : "Male",  
    "Mobile_no" : "9012365874"  
  },  
  {  
    "Name" : "Nirmit",  
    "Address" : "20 Chandra nagri" ,  
    "Birthdate" : "2-6-2006",  
    "Gender" : "Male",  
    "Mobile_no" : "98748589663"  
  },  
  {  
    "Name" : "Mohit",
```

```

    "Address" : "3 Jungle van" ,
    "Birthdate" : "25-7-2005",
    "Gender" : "Male",
    "Mobile_no" : "97451269970"
  },
  {
    "Name" : "Yug",
    "Address" : "205 Rudar pura" ,
    "Birthdate" : "8-12-2006",
    "Gender" : "Male",
    "Mobile_no" : "6784200369"
  }
]

```

Student Details

Name : Hardik	Address : 79 Vanar pur	Birthdate : 03-12-2006	Gender : Male	Mobile_no : 8974563201
Name : Harsit	Address : 85 Lalan Town	Birthdate : 30-8-2006	Gender : Male	Mobile_no : 9012365874
Name : Nirmitt	Address : 20 Chandra nagri	Birthdate : 2-6-2006	Gender : Male	Mobile_no : 9874589663
Name : Mohit	Address : 3 Jungle van	Birthdate : 25-7-2005	Gender : Male	Mobile_no : 9745126997
Name : Yug	Address : 205 Rudar pura	Birthdate : 8-12-2006	Gender : Male	Mobile_no : 6784200369