a) **Create a XMLHttpRequest with a callback function and retrieve data from a TXT file by using AJAX.**

Code:-

i)index.html

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <script>
      function Show(){
        const xhr = new XMLHttpRequest();
        xhr.open('GET',"Vamsi.txt");
        xhr.onreadystatechange = function(){
          if(this.readyState===4 && this.status===200)
            document.getElementById("show").innerHTML = this.responseText;
        };
        xhr.send();
      }
    </script>
  </head>
  <body>
    <center>
      <h1>The XmlHttpRequest Object</h1>
      <button onclick="Show()">Click here to get the text</button>
      <h2 id="show"></h2>
    </center>
  </body>
</html>
```
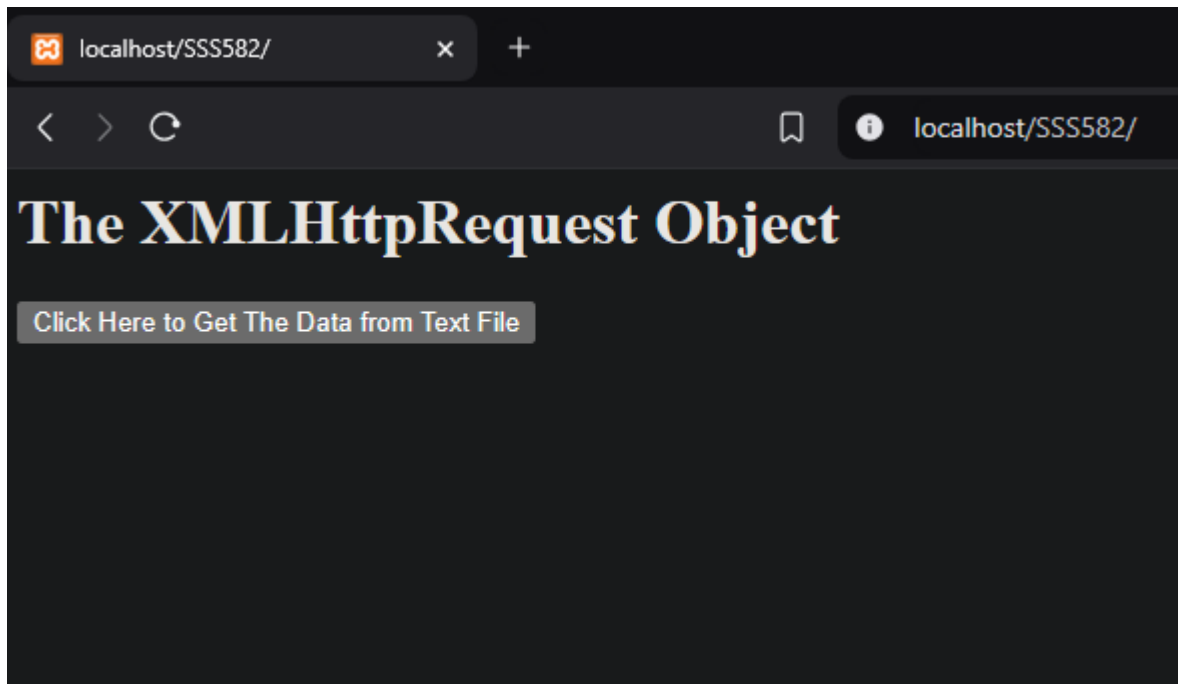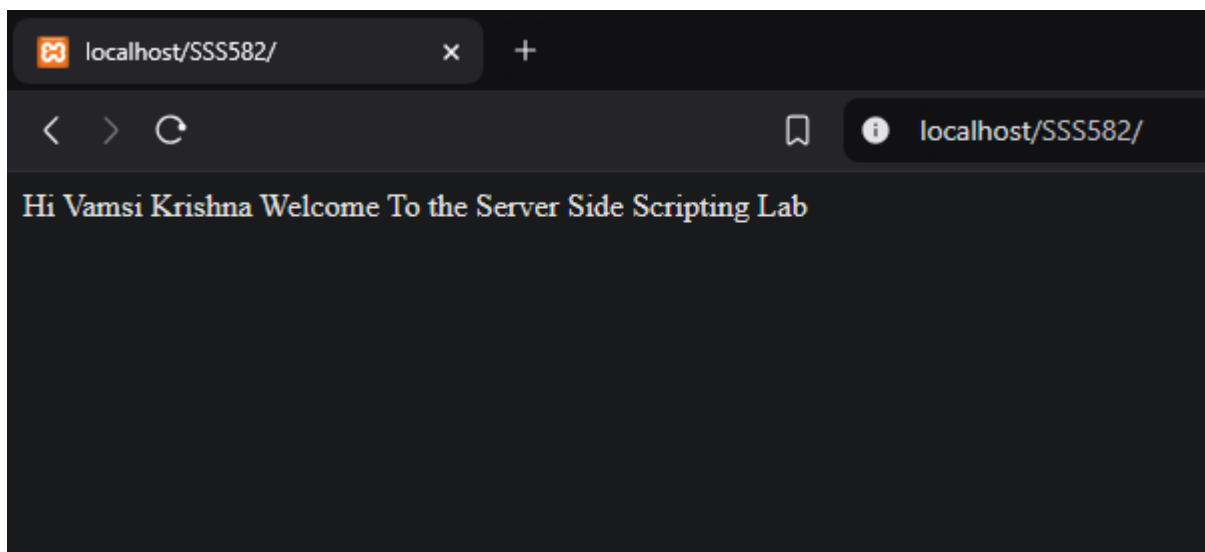
ii)Vamsi.txt

Hi Vamsi Krishna Welcome To the Server side Scripting Lab

OUTPUT:-

When we click on the button The content of Text file will be displayed

b) Create an XMLHttpRequest to retrieve data from an XML file and display the data in an HTML table by using AJAX.

Code:-

i)Module2.html

```html
<html>
<head>
  <style>
    table, th, td {
      border: 2px solid black;
      border-collapse: collapse;
    }
    th, td {
      padding: 5px;
    }
  </style>
</head>
<body>

  <h1>The XMLHttpRequest Object for Book Details</h1>
  <button type="button" onclick="loadDoc()">Get Books Details</button><br><br>
<div>
  <table id="disp"></table></div>

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

    function myFunction(xml) {
      var i;
```
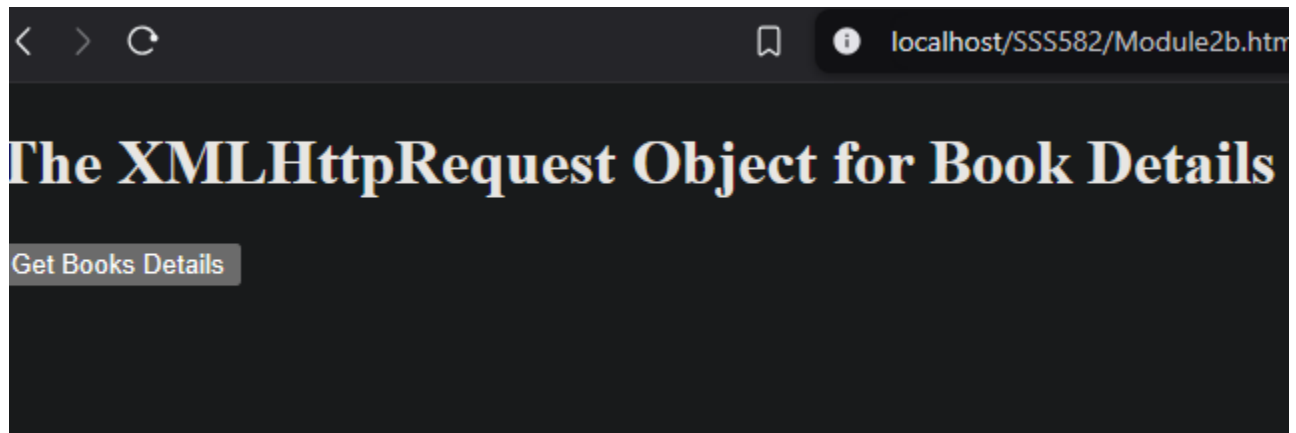
```
        var xmlDoc = xml.responseXML;
        var table = "<tr><th>Title</th><th>Author</th><th>Year</th><th>Price</th></tr>";
        var x = xmlDoc.getElementsByTagName("book");
        for (i = 0; i < x.length; i++) {
          table += "<tr><td>" +
          x[i].getElementsByTagName("title")[0].childNodes[0].nodeValue + "</td><td>" +
          x[i].getElementsByTagName("author")[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("disp").innerHTML = table;
      }
   </script>

</body>
</html>
```

ii)data.xml

```
    <?xml version="1.0" encoding="UTF-8"?>
<bookstore>
     <book>
          <title> Java Programming </title>
          <author> James Gosling </author>
          <year> 2001 </year>
          <price> $2.2 </price>
     </book>
     <book>
          <title> Data Base Management System </title>
          <author> Raghu Ramakrishna</author>
          <year> 2004 </year>
          <price> $5.6 </price>
     </book>
</bookstore>
```

OUTPUT:-

When we click on the button it displays XML file content as HTML Table