

Using AJAX retrieve data from a TXT file and display it. Create XSL file to convert XML file into XHTML file

```
<html>
<body>

<div id="demo">
<h2>The XMLHttpRequest Object</h2>
<button type="button" onclick="loadDoc()">Change Content</button>
</div>

<script>
function loadDoc() {
  const xhttp = new XMLHttpRequest();
  xhttp.onload = function() {
    document.getElementById("demo").innerHTML =
      this.responseText;
  }
  xhttp.open("GET", "1.txt");
  xhttp.send();
}
</script>

</body>
</html>
```

External file with extension .txt:

hello how r you??????????????????

Output:

The XMLHttpRequest Object

Change Content

After clicking on button:

hello how r you??????????????????

Drag & Drop Code using javascript:

```
<html>
<head>
<style>
#div1 {
    width: 350px;
    height: 350px;
    padding: 10px;
    border: 1px solid #aaaaaa;
}
</style>
<script>
function allowDrop(ev) {
    ev.preventDefault();
}

function drag(ev) {
    ev.dataTransfer.setData("text", ev.target.id);
}

function drop(ev) {
    ev.preventDefault();
    var data = ev.dataTransfer.getData("text");
    ev.target.appendChild(document.getElementById(data));
}
</script>
</head>
<body>

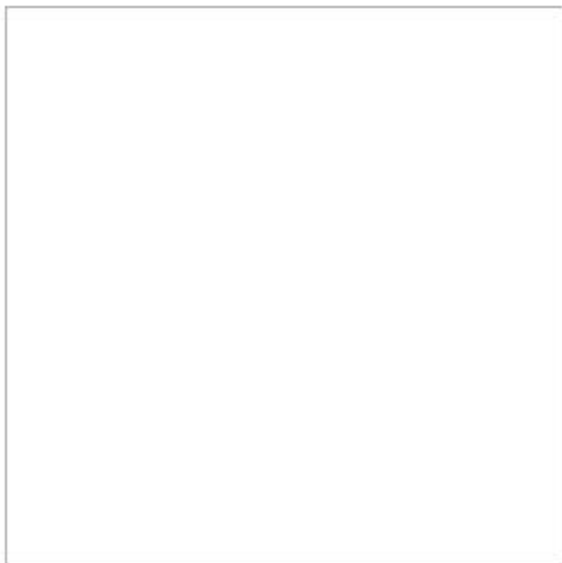
<p>Drag the image into the box:</p>

<div id="div1" ondrop="drop(event)" ondragover="allowDrop(event)"></div>
<br>


</body>
</html>
```

Output :

Drag the image into the box:



After dragging and drop:

Drag the image into the box:



Form Validation only for Username:

Html File:

```
<html lang="en">

<head>

  <meta charset="utf-8" />

  <title>JavaScript Email Validation</title>

  <link rel="stylesheet" href="email.css" type="text/css" />

</head>

<body onload="document.form1.text1.focus()">

  <div class="mail">

    <h2>Input an email address</h2>

    <form name="form1" action="#">

      <ul>

        <li><input type="text" name="text1" /></li>

        <li>&nbsp;</li>

        <li class="validate">

          <input

            type="submit"

            name="validate"

            value="Validate"

            onclick="ValidateEmail(document.form1.text1)"

          />

        </li>

        <li>&nbsp;</li>

      </ul>

    </div>

  </body>

</html>
```

```

        </form>

    </div>

    <script src="email.js"></script>

</body>

</html>

```

JavaScript File:

```

function ValidateEmail(input) {

    var validRegex = /^[a-zA-Z0-9.!#$%&'*/+=?^_`{|}~-]+@[a-zA-Z0-9-]+(?:\.[a-zA-Z0-9-]+)*$/;

    if (input.value.match(validRegex)) {

        alert("Valid email address!");

        document.form1.text1.focus();

        return true;

    } else {

        alert("Invalid email address!");

        document.form1.text1.focus();

        return false;

    }

}

var passRegex = /^[a-zA-Z0-9./_-*@$%&+\|[\]\{\}\#\! ]

```

CSS File:

```

li {

    list-style-type: none;

    font-size: 16pt;

```

```
}

.mail {

    margin: auto;

    padding-top: 10px;

    padding-bottom: 10px;

    width: 400px;

    background: teal;

    border: 1px solid silver;

}

.mail h2 {

    margin-left: 38px;

    color: white;

}

input {

    font-size: 20pt;

}

input:focus,

textarea:focus {

    background-color: lightyellow;

}

input validate {

    font-size: 12pt;

}

.rq {
```

```
color: #ff0000;  
  
font-size: 10pt;  
}
```

Output:

