Form validation wing AJAX Aim: To implement the AJAX in an real time example (ie) form validation Procedure: Step 1: Open any one of text editor Stop 2: create a form having two fields including usorname and password in a HTML file. Step 3: Now, create a Js file wor writing validation script using AJAX. Step 4: In that create a function validate username and parsword under some criteria (i.e) Password must be on length of "8". Username must contains atleast "3" characters. step 5: And also empty is validated . Grive the output based on the status code returned by AJAX through server. Step b: If the status code 200 and ready state 4, print the response text using innorHTML tag. Step 7: or else print the error. step 8: Stop the program. Design code: SI DOCTYPE html> Shtml Theady

```
slink href="style.css" rel="stylesheet"
              type="text/css">
(script Src="script.js"> (/script)
{boad> Thody>
<div id = "maintorm">
(div class = "innerder">
Cher AJAX IMPLEMENTATION (1/he)
<form action="#" id="myform"</pre>
      method = "post" name = "my form">
Ctable> (tr>
 Vsername 
 (td> rinput id= username name= username
        on blur = "validate ('usorname', this. value)
       type = "text"> 
 Ttd>
 Kdiv id= username'> Kldiv Kltd> Klto>
 1tx>
 (td> Parsword 
  (td> rinput id= "password" name= "password"
     onblur="validate ('password', this value)"
      type="parsword">
 Stax (div id="parsword"></div>
  /td>
 (1body)
  </html>
Server.js
function checkform()
```

```
Page No :...
 yar name = document. get Element By Id ("usemames).
                                            value;
yar parsword = document. get Element By Id ("parsword!)
                                         value;
il ( name == ' 11 parsword == ')
  alert ("Fill all fields");
elset
var username = document. get Flement By Id ("bwd)
 if (username i. inner HTML = = " Must be 3+ letters" !
     password 1. innerHTML == "password too Short")
 alext ("Fill valid information");
elsef
 document.get Element By Id ("my form"). Submit();
function validate (field, query) {
 var xm/http;
 1, (window. XMLH+tpRequest)
  xmlHttp=new xMUHttpRequest();
3 else
 EXMLHTTP = new Active x object ("Microsoft.
                      xm1(HTTP)"), 4
milhttp. onreadystatechange = function()
  if (xminttp. readystate 1 = 4 &2 xminttp.
```

```
Status = = 200)
 document. get Element By Id (field). innor HTML
                               = "validating"
? else if 1 xmlhttp. readystate == 4 22
                xm/http. status == 200)
  document. getElementById (field).
      innerHTML = xmlhttp. response texti
y else &
 document. get Element By Id (field). inner HTML
           = "Error Occured" < a href="index.php"
            Reload or Try again (1a) The page,
xmlhttp. open ("GET", "validation.php?field="+
             field +" 2 query=" + query + false >
xm/http. send();
Index.php
<?php
$ value = 5 - GIETT 'query ]'
$form field = $ GET['field'];
If (formfield == "username");
  If (strien (qualue) <4){
     echo "Must be 3+ letters";
echo "Kspan> Valid </span>";
```

Output: FORM VALIDATION USING AJAX Username: Parsword Submit

	Mark	sign
Preparation		
Observation		
Result		
Viva		
Record		

Result:

thus the form validation using AJAX was implemented successfully.