

Assignment No: 4

Title: HTML javascript

Objective

- ① understand about basic concept of javascript
- ② use Javascript for validation of data

Problem statement

WAP to design registration form for students by using HTML, CSS & Javascript and perform following validate all fields mandatory phone no, email address validation

Outcome

student will be able to

- ① design static webpage using HTML
- ② Apply Javascript to HTML pages for validation of data

Slw and H/w Notepad and any Browser requirement

Theory

Javascript is a programming language

of HTML as well as it is preferred for creating New centric application. It is integrated and compulsory it is very easy to implement. It is open source as well as cross platform.

The advantage of using Javascript are

- It requires less server interaction
- Immediate feedback to the visitor
- Increased interactivity
- Richer interfaces

Validation

- When client enters the all necessary data & press the submit button from validation is done at server side. If data entered by client is incorrect or missing the server needs to send a databack to the client and request for resubmission of form with correct info.
- Basic validation: First of all the form must be checked to make sure all the mandatory fields are filled in.

- Data format validation : First secondly the data that is entered must be checked for correct format and its value.

- The Technology / Tools

Javascript can be implemented using Javascript statement that are placed within the `<script>`

- The script tag takes 2 imp attributes

- language : this attribute specifies what scripting lang you are using

- Type : This attribute is what is now recommended to indicate the scripting lang in use & its val should be set to 'text/javascript'

- Test cases

Manual testing is used to check following validation

All field like FullName, class, Department Address phone no and email id are mandatory field

- phone no should be no only

Conclusion

Hence we applied validate the data using Java script

Assignment 4:

Write a program to design registration form for students by using HTML, CSS& Java Script and perform following validations: all fields mandatory, phone number and email address validation.

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1. Registration.html:

```
<html>

<head>
  <title>regform</title>
  <link href="samp.css" rel="stylesheet">
</link>
  <script type="text/javascript">
    function Validation() {
      varemailID = document.myForm.EMail.value;
      varnum = document.myForm.ph.value;
      atpos = emailID.indexOf("@")
      dotpos = emailID.lastIndexOf(".");
      if (atpos < 1 || (dotpos - atpos < 2)) {
        alert("Please enter correct email ID")
        document.myForm.EMail.focus();
        return false;
      } else if (isNaN(num)) {
        document.getElementById("ph");
        alert("Please enter numeric only.")
        return false;
      } else {
        return true;
      }
    }
  </script>
</head>

<body>
  <div class="con">
    <form name="myForm" action="display.xml" method="get" align="center">
      <div class="con2">
        </img>
```

```
</div>
<div class="main">
<table align="center">
<tr>
<td><br><br>Welcome to Registration Page<br><br></td>
</tr>
</table>
<div class="con1">
<table align="center">
<tr>
<td>Full Name:</td>
<td><input type="text" id="FirstName" value="" required></input></td>
</tr>
<tr>
<td>Class:</td>
<td><input type="text" id="Class" value="" required></input></td>
</tr>
<tr>
<td>Department:</td>
<td><input type="text" id="Department" value="" required></input></td>
</tr>
<tr>
<td>address:</td>
<td><textarea row="3" column="2" value="" required></textarea></td>
</tr>
<tr>
<td>email Id:</td>
<td><input type="text" value="" id="EMail" required></input></td>
</tr>
<tr>
<td>phone no:</td>
<td><input type="text" id="ph" value="" required></input></td>
</tr>
<tr></tr>
<tr></tr>
</table>
<table align="center">
<td><input type="submit" value="SUBMIT" onclick="return(Validation());"></td>
<td><input type="reset" value="CANCEL"></td>
</table>
</div>
</div>
</form>
```

```
</div>
</body>

</html>
```

2. Display.html:

```
<html>
  <head>
    <title> display</title>
  </head>
  <body>
    <h1 style="color:blue; margin-left:30px;"> You have submitted the form successfully....</h1>
  </body>
</html>
```

3. Samp.css:

```
.con {
  width: 400px;
  height: 400px;
  background-color: blue;
  color: black;
  padding: 0px 10px 0px 30px;
  margin: auto;
}

.main {
  width: 400px;
  height: 80px;
  float: left;
  padding: 60px 10px 10px 10px;
  margin: auto;
}

.con1 {
  width: 200px;
  height: 30px;
  float: left;s
  margin: auto;
  padding: 0px 0px 0px 0px;
}

.con2 {
  width: 150px;
  height: 30px;
```



```

float: left;
margin: 10px 10px 10px 10px;
padding: 0px 0px 0px 0px;
}

```

OUTPUT:



