**NAME 🡺 Nitish Ghormade**

**Branch 🡺 Cyber Security**

**Year 🡺 First Year**

**Section 🡺 D3**

**Practical 5**

**AIM 🡺 Design a simple registration form by applying proper validation for the fields using Java Script.**

**CODE 🡺**

**🡺 HTML CODE**

|  |  |  |
| --- | --- | --- |
|  | |  |
| **<html>** | | |
|  | | |  |
|  | | | **<head>** |
|  | | | **<title>FORM VALIDATION</title>** |
|  | | | **<link rel="stylesheet" href="**[**Form Validation.css**](file:///C:\Users\nitis\OneDrive\Desktop\HTML\Form%20Validation\Form%20Validation.css)**">** |
|  | | | **</head>** |
|  | | |  |
|  | | | **<body id="body">** |
|  | | | **<form action="hello.php" onsubmit="return valid()">** |
|  | | | **<fieldset id="field">** |
|  | | | **<legend id="leg">Registration Form</legend>** |
|  | | |  |
|  | | | **<lable id="idlb" class="lab"></lable><br>** |
|  | | | **User ID :- <input type="text" id="fid" class="" placeholder="Enter User ID" required><br><br><br>** |
|  | | |  |
|  | | | **<lable id="nlb" class="lab"></lable><br>** |
|  | | | **NAME :- <input type="text" id="fn" class="" placeholder="Enter Your Name" required><br><br><br>** |
|  | | |  |
|  | | | **<lable id="plb" class="lab"></lable><br>** |
|  | | | **PASSWORD :- <input type="text" id="fp" class="" placeholder="Enter Your Password" required><br><br><br>** |
|  | | |  |
|  | | | **<div class="ad">Address :- </div><textarea placeholder="Enter Your Address"></textarea><br><br><br>** |
|  | | |  |
|  | | | **<lable id="ddlb" class="lab"></lable><br>** |
|  | | | **COUNTRY :- <select id="dd">** |
|  | | | **<option value="select">---Please Select Your Country---</option>** |
|  | | | **<option>India</option>** |
|  | | | **<option>USA</option>** |
|  | | | **<option>Japan</option>** |
|  | | | **<option>Brazil</option>** |
|  | | | **</select><br><br><br>** |
|  | | |  |
|  | | | **<lable id="pinlb" class="lab"></lable><br>** |
|  | | | **PINCODE :- <input type="text" id="fpin" class="" placeholder="Enter Your Pincode" required><br><br><br>** |
|  | | |  |
|  | | | **<lable id="elb" class="lab"></lable><br>** |
|  | | | **EMAIL :- <input type="text" id="fe" class="" placeholder="Enter User ID" required><br><br><br>** |
|  | | |  |
|  | | | **GENDER :- Male<input type="radio" name="radio" required> Female<input type="radio" name="radio" required><br><br>** |
|  | | |  |
|  | | | **LANGUAGE :- English<input type="checkbox" id="ckb1"> NON English<input type="checkbox" id="ckb2">** |
|  | | | **<lable id="ckblb"></lable><br><br>** |
|  | | |  |
|  | | | **<input type="submit">** |
|  | | |  |
|  | | | **</fieldset>** |
|  | | | **</form>** |
|  | | | **<script src="**[**Form Validation.js**](file:///C:\Users\nitis\OneDrive\Desktop\HTML\Form%20Validation\Form%20Validation.js)**"></script>** |
|  | | | **</body>** |
|  | | |  |
|  | | | **</html>** |

**🡺 CSS CODE**

body{

background:silver;

}

.ad{

display:inline-block;

position:relative;

bottom:15px;

margin-right:9px;

}

#ckbl{

color:red;

}

.lab{

color:red;

margin-left:80px;

font-weight:bold;

/\* visibility:hidden; \*/

}

#ckblb{

color:red;

font-weight:bold;

/\* visibility:hidden; \*/

}

#plb{

margin-left:100px;

}

#leg{

color:red;

font-size:35px;

font-weight:bold;

}

#field{

border:5px solid black;

}

**🡺 JAVA SCRIPT CODE**

function valid() {

let flag = true;

let id = document.getElementById("fid").value;

let name = document.getElementById("fn").value;

let rname = /[0-9]/;

let pass = document.getElementById("fp").value;

let dd = document.getElementById("dd").value;

let pin = document.getElementById("fpin").value;

let rpin = /[a-z A-Z .!@#$%^&\*]/;

let email = document.getElementById("fe").value;

let remail = /([a-z A-Z 0-9 -\_]+)@([a-z A-Z]+).([a-z A-Z])/;

let ckb1= document.getElementById("ckb1").checked;

let ckb2= document.getElementById("ckb2").checked;

// if (id == "") {

// document.getElementById("idlb").innerHTML="\*Please Fill";

// document.getElementById("fid").style.border = "2px solid red";

// flag = false;

//}

if (id.length < 5 || id.length > 12) {

document.getElementById("idlb").innerHTML="\*5 < length < 12\*";

document.getElementById("fid").style.border = "2px solid red";

flag = false;

}

else {

document.getElementById("idlb").innerHTML="";

document.getElementById("fid").style.border = "none";

}

if(rname.test(name)){

document.getElementById("nlb").innerHTML="\*Digits Are NOT Allowed";

document.getElementById("fn").style.border="2px solid red";

flag = false;

}

else if(name.length <= 1){

document.getElementById("nlb").innerHTML="\*Length Of NAME >= 2";

document.getElementById("fn").style.border="2px solid red";

flag = false;

}

else{

document.getElementById("nlb"),innerHTML="";

document.getElementById("fn").style.border="none";

}

// if (name == "") {

// document.getElementById("plb").innerHTML="\*Please Fill";

// document.getElementById("fp").style.border = "2px solid red";

// flag = false;

// }

if (pass.length < 7 || pass.length > 12) {

document.getElementById("plb").innerHTML="\*5 < length < 12\*";

document.getElementById("fp").style.border = "2px solid red";

flag = false;

}

else {

document.getElementById("plb").innerHTML="";

document.getElementById("fp").style.border = "none";

}

if(dd == "select"){

document.getElementById("ddlb").innerHTML="\*Must Select Country";

document.getElementById("dd").style.border = "2px solid red";

flag = false;

}

else{

document.getElementById("ddlb").innerHTML="";

document.getElementById("dd").style.border = "none";

}

if(rpin.test(pin)){

document.getElementById("pinlb").innerHTML="\*Only NUMBERS are Allowed";

document.getElementById("fp").style.border = "2px solid red";

flag = false;

}

else if(pin.length != 6){

document.getElementById("pinlb").innerHTML="\*PIN Length > 6";

document.getElementById("fp").style.border = "2px solid red";

flag = false;

}

else{

document.getElementById("pinlb").innerHTML="";

document.getElementById("fp").style.border = "none";

}

if(!remail.test(email)){

document.getElementById("elb").innerHTML="\*Ivalid EMAIL";

document.getElementById("fe").style.border = "2px solid red";

flag = false;

}

else{

document.getElementById("elb").innerHTML="";

document.getElementById("fe").style.border = "none";

}

if(ckb1 == 0 && ckb2 == 0){

document.getElementById("ckblb").innerHTML="\*Required Field";

}

else{

document.getElementById("ckblb").innerHTML="";

}

return flag;

}

**Screenshot Of Output 🡺**

**Graphical user interface, application

Description automatically generated**

**Conclusion 🡺 I learned to input styling in the raw HTML Code through of External CSS , I learned that how to embed External Java Script means not to writing Java Script in the raw HTML Code it can be linked by <script> tag . I also learned that how to handle all three HTML , CSS and JAVA SCRIPT files at ones and to create a proper and beautiful Web Page.**