**19BCE2484**

**SASHANK RIJAL**

**HTML:**

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="style.css">

</head>

<body>

<div class="container">

<form action="#" onsubmit="return validation()">

<label for="login">Login </label>

<input type="text" name="login" id="login">

<label for="pwd">Password </label>

<input type="password" name="pwd" id="pwd">

<label for="confirmpwd">Confirm Password </label>

<input type="password" name="confirmpwd" id="confirmpwd">

<span id="pwdright"></span><br>

<label for="gender">Gender</label>

<select name="gender" id="gender">

<option>Male</option>

<option>Female</option>

</select><br>

<label for="email">Email </label>

<input type="email" name="email" id="email">

<br>

<button type="submit" class="register">Register</button>

<p id="nr1"> </p>

<p id= "nr2"> </p>

<script>

function validation(){

var login = document.getElementById("login").value;

var pwd = document.getElementById("pwd").value;

var confirmpwd = document.getElementById("confirmpwd").value;

var ehk = document.getElementById("email").value;

var logincheck = /.{8,}/;

var passwordcheck = /^(?=.\*[a-z])(?=.\*[A-Z])(?=.\*\d)[a-zA-Z\d]{16}$/;

var emailcheck = /[@]{1,}/;

if(logincheck.test(login)){

document.getElementById("nr1").innerHTML=" ";

}else{

alert("Invalid login");

document.getElementById("nr1").innerHTML= "Minimum 8 characters required";

return false;

}

if(passwordcheck.test(pwd)){

document.getElementById("pwdright").innerHTML="Strong";

}else{

alert("Invalid password format");

document.getElementById("pwdright").innerHTML= "Weak ";

return false;

}

if (pwd.match(confirmpwd)){

document.getElementById("nr1").innerHTML="";

}else{

alert("password do not match");

document.getElementById("nr1").innerHTML="Passwords do not match";

return false;

}

if(emailcheck.test(ehk)){

document.getElementById("nr2").innerHTML="";

}else{

alert("Invalid email format");

document.getElementById("nr2").innerHTML= "Mail format is not valid";

return false;

}

}

</script>

</form>

</div>

</body>

</html>

**CSS:**

.container {

position: absolute;

background-color: rgb(87, 88, 88);

width: 600px;

height: 400px;

padding: 20px;

border: 25px solid #000;

margin-left: 400px;

margin-top: 100px;

font-size: large;

color: white;

}

label{

display: inline-block;

width: 200px;

margin: 12px;

text-align: left;

font-weight: bold;

padding: 2px;

}

input[type="text"],

input[type="password"],

input[type="email"],

select{

width: 218px;

margin-right: 120px;

margin-bottom: 4px;

margin-top: 4px;

padding: 4px;

font-weight: bold;

font-size: 14px;

float:right;

background-color: rgb(170, 238, 138);

}

select{

width: 231px;

}

button{

width: 100px;

padding: 8px;

}

#gender{

width: 14.2rem;

}

#pwdright{

margin-left: 500px;

}

span{

}









