**Web Technology And Mobile Application – Mini Project**

**Topic** : Validation form

**Program**:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Form</title>

</head>

<body>

<style>

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

}

body {

background-color: black;

color: bisque;

font-family: 'Times New Roman', Times, serif;

}

#styy{

display:flex;

flex-direction: row;

align-items: center;

justify-self: center;

font-size: large;

font-family: 'Times New Roman', Times, serif;

color: bisque;

margin:10px;

padding:5px;

box-shadow: 2px 4px 8px aqua;

width:100%;

}

#hii{

display:flex;

flex-direction: row;

align-items: center;

justify-self: center;

font-size: large;

font-family: 'Times New Roman', Times, serif;

color: bisque;

margin:10px;

padding:5px;

box-shadow: 2px 4px 8px aqua;

}

#Hello {

display: flex;

align-items: center;

justify-content: center;

box-shadow: 2px 4px 8px rgb(144, 196, 196);

border:2px solid rgb(144, 196, 196);

width:25%;

margin-left: 500px;

margin-top: 90px;

}

.error {

color: red;

font-size: 12px;

}

</style>

<center>

<h1>~~~~~~~ LOGIN FORM ~~~~~~~</h1>

</center>

<div id="Hello">

<form onsubmit="return validate()">

<div id="styy">

<p>

<label for="fname">First Name:</label><br>

<input type="text" id="fname" name="fname" placeholder="Enter Your Name" required autocomplete="given-name"><br>

<span id="fname-error" class="error"></span>

</p>

</div><br><hr>

<div id="styy">

<p>

<label for="lname">Last Name:</label><br>

<input type="text" id="lname" name="lname" placeholder="Enter Your Last Name" autocomplete="family-name"><br>

<span id="lname-error" class="error"></span>

</p>

</div><br><hr>

<div id="styy">

<p>

<label for="mail">E-mail:</label><br>

<input type="email" id="mail" name="mail" placeholder="Enter Your Email" required autocomplete="email"><br>

<span id="email-error" class="error"></span>

</p>

</div><br><hr>

<div id="styy">

<p>

<label for="date">D.O.B:</label><br>

<input type="date" id="date" name="date" autocomplete="bday"><br>

</p>

</div><br><hr>

<div id="styy">

<p>

<label for="age">Age:</label><br>

<input type="number" id="age" name="age" placeholder="Enter your age" autocomplete="off"><br>

<span id="age-error" class="error"></span>

</p>

</div><br><hr>

<div id="styy">

<p>

<label>Gender:</label><br>

<label for="male">Male</label>

<input type="radio" id="male" name="gender" value="male">

<label for="female">Female</label>

<input type="radio" id="female" name="gender" value="female"><br>

</p>

</div><br><hr>

<div id="styy">

<p>

<label for="number">Phone Number:</label><br>

<input type="text" id="number" name="number" placeholder="Enter your mobile number" autocomplete="tel"><br>

<span id="number-error" class="error"></span>

</p>

</div><br><hr>

<div id="styy">

<p>

<label for="address">Address:</label><br>

<textarea id="address" name="address" placeholder="Enter your address" required autocomplete="street-address"></textarea><br>

<span id="address-error" class="error"></span>

</p>

</div><br><hr>

<div id="hii">

<p>

<input type="submit" value="Submit">

</p>

</div>

</form>

</div>

<script>

function validate() {

let fname = document.getElementById("fname").value.trim();

let lname = document.getElementById("lname").value.trim();

let mail = document.getElementById("mail").value.trim();

let age = document.getElementById("age").value.trim();

let number = document.getElementById("number").value.trim();

let address = document.getElementById("address").value.trim();

let ferror = document.getElementById("fname-error");

let lerror = document.getElementById("lname-error");

let mailerror = document.getElementById("email-error");

let ageerror = document.getElementById("age-error");

let numbererror = document.getElementById("number-error");

let addresserror = document.getElementById("address-error");

// Reset previous errors

ferror.textContent = "";

lerror.textContent = "";

mailerror.textContent = "";

ageerror.textContent = "";

numbererror.textContent = "";

addresserror.textContent = "";

let isValid = true;

// First Name Validation

if (!/^[a-zA-Z]+$/.test(fname)) {

ferror.textContent = "Should contain only alphabets.";

isValid = false;

} else if (fname.length < 4) {

ferror.textContent = "Must be at least 4 characters long.";

isValid = false;

}

// Last Name Validation

if (lname.length > 0 && !/^[a-zA-Z]+$/.test(lname)) {

lerror.textContent = "Should contain only alphabets.";

isValid = false;

}

// Age Validation

if (!/^\d{1,2}$/.test(age)) {

ageerror.textContent = "Age should be a valid number (max 2 digits).";

isValid = false;

}

// Phone Number Validation

if (!/^\d{10}$/.test(number)) {

numbererror.textContent = "Should contain exactly 10 digits.";

isValid = false;

}

// Address Validation

if (address.length < 5) {

addresserror.textContent = "Address should be at least 5 characters.";

isValid = false;

}

if (isValid) {

alert("Registration successful!");

return true;

} else {

return false;

}

}

</script>

</body>

</html>

Output:

