**Experiment 05**

**HTML code:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <link rel="stylesheet" href="Experiment\_05.css">

    <title>Document</title>

</head>

<body>

    <form action="aditya.html" name="myForm" onsubmit="return validateForm()" method="post">

        <div class="form">

            <div class="title-div">

                <h1> Student Registration Form </h1>

            </div>

            <div class="roll-div" id="rollno">

                <div class="name">Roll Number : <b><sup><span class="formerror"></span></sup></b></div>

                <div class="input-div"><input type="input" name="frollno"></div>

            </div>

            <div class="name-div" id="name">

                <div class="name">Enter Your Full Name : <b><sup><span class="formerror"></span></sup></b></div>

                <div class="input-div"><input type="input" name="fname"></div>

            </div>

            <div class="mobile-div" id="phone">

                <div class="name">Enter Your Phone Number : <b><sup><span class="formerror"></span></sup></b></div>

                <div class="input-div"><input type="input" name="fphone"></div>

            </div>

            <div class="clg-div" id="college">

                <div class="name">Enter Your College name : <b><sup><span class="formerror"></span></sup></b></div>

                <div class="input-div"><input type="input" name="fcollege"></div>

            </div>

            <div class="gmail-div" id="email">

                <div class="name">Enter Your G-mail ID : <b><sup><span class="formerror"></span></sup></b></div>

                <div class="input-div"><input type="email" name="femail"></div>

            </div>

            <div class="password-div" id="pass">

                <div class="name">Enter Your Password :<b><sup><span class="formerror"></span></sup></b></div>

                <div class="input-div"><input type="password" name="fpass"></div>

            </div>

            <div class="cpassword-div" id="cpass">

                <div class="name">Enter Your Confirm Password : <b><sup><span class="formerror"></span></sup></b></div>

                <div class="input-div"><input type="password" name="fcpass"></div>

            </div>

            <div class="gender-div" id="gender">

                <div class="name">Gender :<b><sup><span class="formerror"></span></sup></b>

                </div>

                <div class="radio">

                    <input type="radio" name="fgender" id="male" value="Male">

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

                    <input type="radio" name="fgender" id="female" value="Female">

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

                    <input type="radio" name="fgender" id="other" value="Other">

                    <label for="other">Other</label><br><br>

                </div>

            </div>

            <div class="birth-div" id="date">

                <div class="name">Date Of Birth : <b><sup><span class="formerror"></span></sup></b></div>

                <div class="radio">

                    <select name="date" style="width:60px" class="dte">

                        <option>Date</option>

                        <option>1</option>

                        <option>2</option>

                        <option>3</option>

                        <option>4</option>

                        <option>6</option>

                        <option>7</option>

                        <option>8</option>

                        <option>9</option>

                        <option>10</option>

                        <option>11</option>

                        <option>12</option>

                        <option>13</option>

                        <option>14</option>

                        <option>15</option>

                        <option>16</option>

                        <option>17</option>

                        <option>18</option>

                        <option>19</option>

                        <option>20</option>

                        <option>21</option>

                        <option>22</option>

                        <option>23</option>

                        <option>24</option>

                        <option>25</option>

                        <option>26</option>

                        <option>27</option>

                        <option>28</option>

                        <option>29</option>

                        <option>30</option>

                        <option>31</option>

                    </select>

                    <select name="month" style="width:60px" class="mon">

                        <option>Month</option>

                        <option>Jan</option>

                        <option>Feb</option>

                        <option>Mar</option>

                        <option>Apl</option>

                        <option>May</option>

                        <option>Jun</option>

                        <option>Jul</option>

                        <option>Aug</option>

                        <option>Sep</option>

                        <option>Oct</option>

                        <option>Nov</option>

                        <option>Dec</option>

                    </select>

                    <select name="year" style="width:60px" class="yer">

                        <option>Year.</option>

                        <option>1998</option>

                        <option>1999</option>

                        <option>2000</option>

                        <option>2001</option>

                        <option>2002</option>

                        <option>2003</option>

                        <option>2004</option>

                        <option>2005</option>

                        <option>2006</option>

                        <option>2007</option>

                    </select><br><br>

                </div>

            </div>

            <div class="language-div" id="checks">

                <div class="name"> Languages Known :<b><sup><span class="formerror"></span></sup></b></div>

                <div class="radio">

                    <input type="checkbox" name="fcheckbox" value="Marathi">

                    <label>Marathi</label><br>

                    <input type="checkbox" name="fcheckbox" value="English">

                    <label>English</label><br>

                    <input type="checkbox" name="fcheckbox" value="Hindi">

                    <label>Hindi</label><br>

                    <input type="checkbox" name="fcheckbox" value="Tamil">

                    <label>Tamil</label><br><br>

                </div>

            </div>

            <div class="address-div" id="address">

                <div class="name">Address : <b><sup><span class="formerror"></span></sup></b></div>

                <div class="radio">

                    <textarea cols="50" rows="2" name="location"></textarea><br><br>

                </div>

            </div>

            <div class="class-div" id="className">

                <div class="name">Enter Your Class Name : <b><sup><span class="formerror"></span></sup></b></div>

                <div class="input-div"><input type="input" name="cn"></div>

            </div>

            <div>

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

            </div>

            <br><br><br>

            <div class="last-div">

                <p>Umasare Harshal Gopinath</p>

            </div>

        </div>

    </form>

</body>

<script src="Experiment\_05.js"></script>

</html>

**JAVASCRIPT code:**

**function** clearErrors() {

    errors = document.getElementsByClassName('formerror');

    for (**let** item of errors) {

        item.innerHTML = "";

    }

}

**function** seterror(id, error) {

    element = document.getElementById(id);

    element.getElementsByClassName('formerror')[0].innerHTML = error;

}

**function** validateForm() {

**var** returnval = true;

    clearErrors();

**var** roll = document.forms['myForm']["frollno"].value;

    if (roll.length != 2) {

        seterror("rollno", "\*\*Roll no should be in 1 to 72 range!");

        returnval = false;

    }

    if (!roll.length >= 1) {

        seterror("rollno", "\*Roll no should be in 1 to 72 range!");

        returnval = false;

    }

    if (!roll.length <= 72) {

        seterror("rollno", "\*Roll no should be in 1 to 72 range!");

        returnval = false;

    }

**var** name = document.forms['myForm']["fname"].value;

    if (name.length < 10) {

        seterror("name", "\*Write your full name!");

        returnval = false;

    }

    if (name.length == 0) {

        seterror("name", "\*Write your full name!");

        returnval = false;

    }

**var** college1 = document.forms['myForm']["fcollege"].value;

    if (college1.length < 8) {

        seterror("college", "\*Write full name of your college!");

        returnval = false;

    }

    if (college1.length == 0) {

        seterror("college", "\*Write full name of your college!");

        returnval = false;

    }

**var** email = document.forms['myForm']["femail"].value;

    if (email.length < 12) {

        seterror("email", "\*Email should be atleast 12 characters long!");

        returnval = false;

    }

**var** phone = document.forms['myForm']["fphone"].value;

    if (phone.length != 10) {

        seterror("phone", "\*Phone number should be of 10 digits!");

        returnval = false;

    }

**var** password = document.forms['myForm']["fpass"].value;

    if (password.length < 8) {

        seterror("pass", "\*Password should be atleast 8 characters long!");

        returnval = false;

    }

**var** cpassword = document.forms['myForm']["fcpass"].value;

    if (cpassword != password) {

        seterror("cpass", "\*Password and Confirm password should match!");

        returnval = false;

    }

**var** getSelectedValue = document.querySelector('input[name="fgender"]:checked');

    if (getSelectedValue == null) {

        seterror("gender", "\*Please select your gender!");

        returnval = false;

    }

**var** getSelectedValue = document.querySelector('input[name="fcheckbox"]:checked');

    if (getSelectedValue == null) {

        seterror("checks", "\*Please select your languages!");

        returnval = false;

    }

**var** address = document.forms['myForm']["location"].value;

    if (address.length == 0) {

        seterror("address", "\*Please Enter your address!");

        returnval = false;

    }

**var** className = document.forms['myForm']["cn"].value;

    if (className.length == 0) {

        seterror("className", "\*Please enter your class name!");

        returnval = false;

    }

**var** date = document.forms['myForm']["date"].value;

**var** month = document.forms['myForm']["month"].value;

**var** year = document.forms['myForm']["year"].value;

    if (date.length > 2 && month.length > 3 && year.length > 4) {

        seterror("date", "\*Please enter your date of birth!");

        returnval = false;

    }

    return returnval;

}

**CSS code:**

body {

    background-color: #2b6777;

    font-family: sans-serif;

}

.form {

    height: 1100px;

    width: 600px;

    margin: auto;

}

.title-div {

    height: 150px;

    width: 600px;

    background-color: #c8d8e4;

    margin: 15px;

    border-radius: 8px;

    border-top: 8px solid #563eac;

    padding: 25px;

    border-radius: 25px;

}

.roll-div,

.name-div,

.password-div,

.cpassword-div,

.clg-div,

.gmail-div,

.mobile-div,

.gender-div,

.birth-div,

.language-div,

.address-div,

.class-div {

    height: 150px;

    width: 650px;

    background-color: #c8d8e4;

    margin: 15px;

    border-radius: 25px;

}

.form :hover{

    background-color: #52ab98;

    border-radius: 25px;

}

.radio {

    padding-left: 40px;

}

.name {

    padding-top: 20px;

    padding-left: 25px;

    padding-bottom: 25px;

    font-size: 15px;

}

.input-div {

    padding-top: 25px;

    padding-left: 25px;

}

.input-div input {

    width: 300px;

    border: 0;

    outline: 0;

    background-color: #c8d8e4;

    border-bottom: 1.5px solid #3f3939;

    border-radius: 5px;

}

.input-div input:hover{

    background-color: white;

}

.button {

    height: 36px;

    width: 100px;

    background-color: #6703c4;

    border-radius: 5px;

    font-size: 14px;

    letter-spacing: .5px;

    font-weight: 540;

    border: none;

    padding: 10px;

    position: absolute;

    margin: 15px;

    color: white;

}

.button:hover{

    background-color:#52ab98;

    border-radius: 5px;

}

.last-div p {

    text-align: center;

    padding-top: 10px;

    color: #a2a4a6;

    font-weight: 200;

    border-bottom: 1px solid #a2a4a6;

}

.formerror {

    color: red;

    text-align: right;

}

.address-div textarea{

    background-color: #c8d8e4;

    border-radius: 5px;

}

.address-div textarea:hover{

    background-color: white;

    border-radius: 5px;

}

.form select{

    background-color: #c8d8e4;

    border-radius: 5px;

}

.form select:hover{

    background-color: white;

    border-radius: 5px;

}

.last-div p:hover{

    background-color: #2b6777;

    border: 0;

}

**OUTPUT:**







