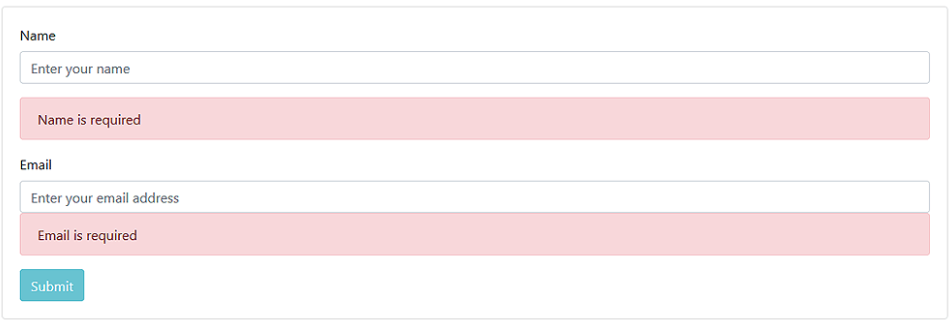
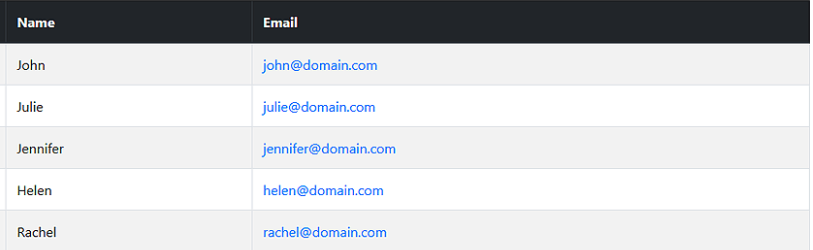
1. Create an HTML page to validate Name and Email. (Use Bootstrap, JQuery wherever applicable)



2. If the name and email entered are correct it should dynamically add the details to the below table. The table should look like below:



<!DOCTYPE html>

<html>

<head>

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"

        integrity="sha384-BVYiiSIFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap-theme.min.css"

        integrity="sha384-rHyoN1iRsVXV4nD0JutlnGaslCJuC7uwjduW9SVrLvRYooPp2bWYgmgJQIXwl/Sp" crossorigin="anonymous">

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"

        integrity="sha384-Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUPnCJA7l2mCWNIpG9mGCD8wGNIcPD7Txa"

        crossorigin="anonymous"></script>

    <style>

        .container {

            padding: 16px;

        }

        input[type=email],

        input[type=text] {

            width: 100%;

            height: 55px;

            padding: 15px;

            margin: 5px 0px 22px 0px;

            display: inline-block;

            border: none;

            background: rgb(221, 220, 220);

        }

        #errorInName,

        #errorInEmail {

            margin-left: 15px;

            background-color: pink;

            margin-right: 152px;

            border-radius: 5px 5px 5px 5px;

        }

    </style>

</head>

<body>

    <formx>

        <div class="container">

            <h1>Name and E-mail Validation</h1>

            <hr>

            <label for="nameId">Name</label>

            <input type="text" id="nameId" class="form-control" placeholder="Enter your name" required>

            <div id="errorInName"></div><br />

            <label for="E-mail">Email</label>

            <input type="email" id="E-mail" class="form-control" placeholder="Enter your email address" required>

            <div id="errorInEmail"></div><br />

            <button id="butt" class="btn btn-info" onclick="addTable()">Submit</button>

            <hr>

            <div class="container" id="myDiv"></div>

            <table id="oldTable" class="Table" width="400px" cellspacing="10" cellpadding="10" border="0px">

                <th>Name</th>

                <th>Email</th>

            </table>

        </div>

        </form>

        <script>

            function addTable() {

                var naMe = document.getElementById("nameId").value;

                var eMail = document.getElementById("E-mail").value;

                var divSpace = document.getElementById("myDiv");

                divName = document.getElementById("errorInName")

                divEmail = document.getElementById("errorInEmail")

                divName.innerHTML = ""

                divEmail.innerHTML = ""

                if (naMe.length == 0) {

                    divName.innerHTML = "Name is required"

                }

                if (eMail.length == 0) {

                    divEmail.innerHTML = "Email is required"

                }

                if (naMe.length != 0 && eMail.length != 0) {

                    var table = document.getElementById("oldTable");

                    var newRow = document.createElement('tr');

                    newRow.setAttribute('id', 'row1');

                    var newData1 = document.createElement('td');

                    newData1.setAttribute('id', 'data1');

                    var newData2 = document.createElement('td');

                    newData1.setAttribute('id', 'data2');

                    newData1.innerHTML = naMe;

                    newData2.innerHTML = eMail;

                    newRow.appendChild(newData1);

                    newRow.appendChild(newData2);

                    table.appendChild(newRow);

                }

            }

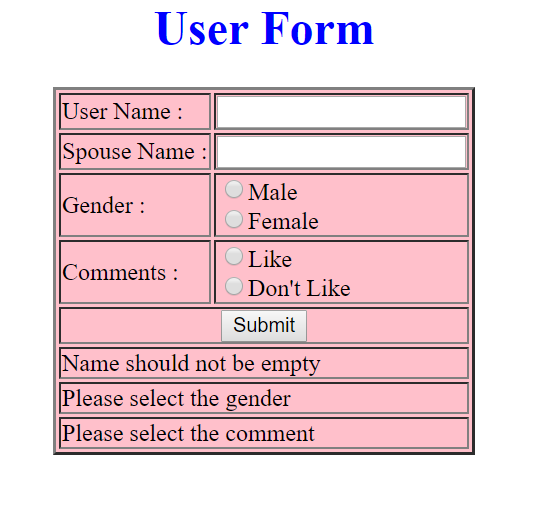
        </script>

</body>

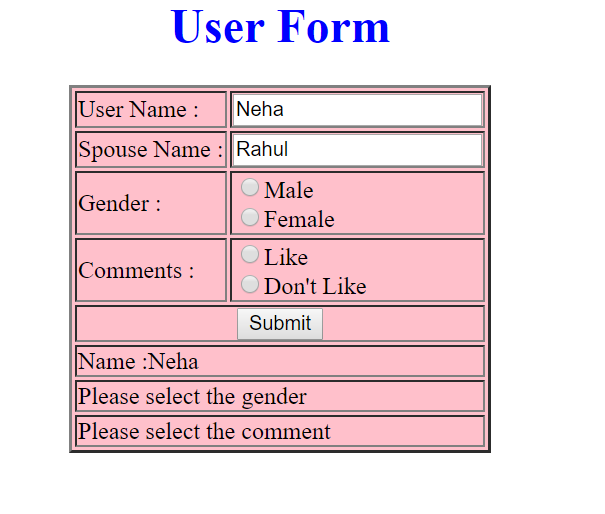
</html>

1. Create a user form like below and perform the validation as shown in the below images:

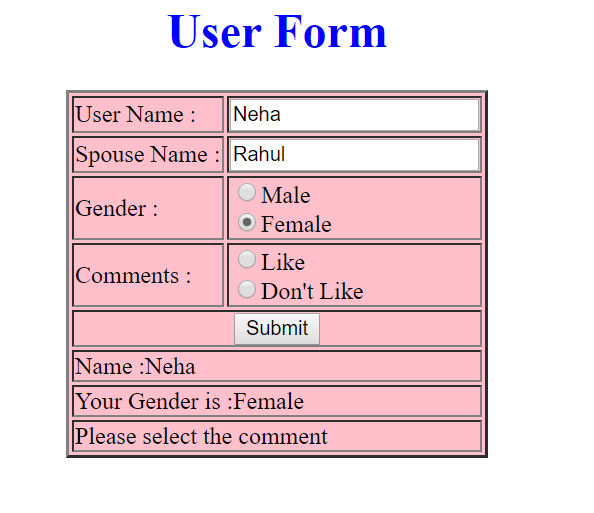
**Image - 1-4**



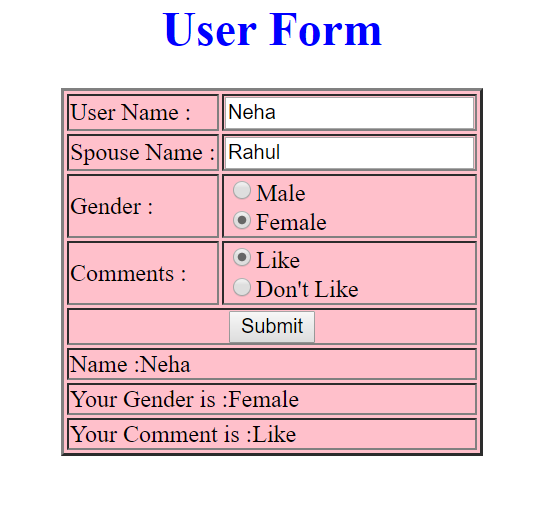
**Image - 2-4**



**Image - 3-4**



**Image - 4-4 (Success)**



<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

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

    <title>Document</title>

    <link rel="icon" href="DXC-Technology-Logo.jpg" type="image/icon type">

</head>

<link rel="stylesheet" href="css/bootstrap.css">

<style>

    table {

        margin-top: 150px;

        height: 300px;

        background-color: pink;

    }

    h1 {

        color: Blue;

    }

</style>

<script>

    function length() {

        name = document.getElementById("user").value

        res = document.getElementById("name")

        res.innerHTML = "Name: " + name

    }

    function genderChange() {

        gen = document.getElementsByName("radioGender")

        genChan = document.getElementById("genderOfUser")

        for (i = 0; i < gen.length; i++) {

            if (gen[i].checked)

                genChan.innerHTML

                    = "Gender: " + gen[i].value;

        }

    }

    function commentChange() {

        com = document.getElementsByName("radioComments")

        comChan = document.getElementById("commentOfUser")

        for (i = 0; i < com.length; i++) {

            if (com[i].checked)

                comChan.innerHTML

                    = "Comments: " + com[i].value;

        }

    }

</script>

<body>

    <center>

        <h1><b><u>User Form</u></b></h1>

        <table cellspacing="10" cellpadding="10" border="10" margin="0">

            <tr>

                <td>Username:</td>

                <td> <input type="text" name="user" id="user" oninput="length()"></td>

            </tr>

            <tr>

                <td>Spouse name:</td>

                <td><input type="text" name="sname" id="sname"></td>

            </tr>

            <tr>

                <td>Gender:</td>

                <td><input type="radio" name="radioGender" id="male" value="Male" onclick="genderChange()">Male<br />

                    <input type="radio" name="radioGender" id="female" value="Female" onclick="genderChange()">Female

                </td>

            </tr>

            <tr>

                <td>Comments:</td>

                <td><input type="radio" name="radioComments" value="Like" id="like" onclick="commentChange()">Like<br />

                    <input type="radio" name="radioComments" id="Dlike" value="Don't Like"

                        onclick="commentChange()">Don't Like</td>

            </tr>

            <tr>

                <td colspan="2" align="center"><input type="button" value="Submit"></td>

            </tr>

            <tr>

                <td colspan="2"><span id="name">Name should not be empty</span></td>

            </tr>

            <tr>

                <td colspan="2"><span id="genderOfUser">Please select a gender</span></td>

            </tr>

            <tr>

                <td colspan="2"> <span id="commentOfUser">Please select a comment</span></td>

            </tr>

        </table>

    </center>

</body>

</html>

4.

CyberShoppe, Inc. sells toys and books in the United States. It has three branches in different parts of the country. Currently, the three branches maintain data on their local computer systems. The IT manager at CyberShoppe has identified that a centralized data repository on the products sold through its   
e-commerce site is required. The data from all branches must be collated and housed in a centralized location. This data must be made available to the Accounts and Sales sections at the individual branches, regardless of the hardware and software platforms being used at the branches.

1. In addition, the sales personnel require access to the data using palmtops and cellular phones. The product details of CyberShoppe consist of the product name, a brief description, the price, and the available quantity on hand. A product ID uniquely identifies each product. Create a responsive web page to capture these details.
2. The various products at CyberShoppe are purchased from their suppliers through their branch offices. The purchase order details are sent to the head office to generate reports. To ensure that the data can be accessed across all hardware and software used at the head office, the branch offices. On receiving this data, the head office needs to verify that all branches have specified the required information in a consistent format.

The purchase order details sent by the branch offices include the product ID, order ID, date of the purchase order, name and address of the supplier, quantity ordered, and price per unit.

1. The product Id must start with P following by 5 digits
2. The order Id must start with OD followed by 4 digits
3. The remaining fields are mandatory.
4. The look and feel should be consistent throughout the website.

Use jQuery, Bootstrap, JavaScript .

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

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

    <title>Document</title>

    <link rel="icon" href="DXC-Technology-Logo.jpg" type="image/icon type">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"

        integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">

    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"

        integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"

        crossorigin="anonymous"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"

        integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"

        crossorigin="anonymous"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"

        integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"

        crossorigin="anonymous"></script>

    <style>

        #heading {

            background-color: Red;

            font-size: 50px;

        }

        .bd-example {

            width: 600px;

        }

    </style>

    <script>

        function addDetails() {

            productId = document.getElementById("proId").value

            oId = document.getElementById("oId").value

            errorInPro = document.getElementById("errorInProductID")

            errorInOrd = document.getElementById("errorInOrderID")

            errorInPro.innerHTML = ""

            errorInOrd.innerHTML = ""

            if (productId.charAt(0) != 'P') {

                errorInPro.innerHTML = "Product ID should start with P"

            } else

                if (productId.length - 1 != 5) {

                    errorInPro.innerHTML = "Product ID should have 5 digits"

                }

                else

                    if (oId.substring(0, 2) != "OD") {

                        errorInOrd.innerHTML = "Order ID should start with OD"

                    }

                    else

                        if (oId.length - 1 != 4) {

                            errorInOrd.innerHTML = "Order ID should have 4 digits"

                        }

        }

    </script>

</head>

<body background="download.jpg">

    <div id="heading"><b>CyberShoppe</b></div>

    <nav class="navbar navbar-dark bg-primary">

        <a class="navbar-brand" href="#">Navbar</a>

        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNavDropdown"

            aria-controls="navbarNavDropdown" aria-expanded="false" aria-label="Toggle navigation">

            <span class="navbar-toggler-icon"></span>

        </button>

        <form class="form-inline">

            <input class="form-control mr-sm-2" type="search" placeholder="Search" aria-label="Search">

            <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>

        </form>

        <div class="collapse navbar-collapse" id="navbarNavDropdown">

            <ul class="navbar-nav">

                <li class="nav-item active">

                    <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>

                </li>

                <li class="nav-item">

                    <a class="nav-link" href="#">Features</a>

                </li>

                <li class="nav-item">

                    <a class="nav-link" href="#">Pricing</a>

                </li>

                <li class="nav-item dropdown">

                    <a class="nav-link dropdown-toggle" href="#" id="navbarDropdownMenuLink" role="button"

                        data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

                        Dropdown link

                    </a>

                    <div class="dropdown-menu" aria-labelledby="navbarDropdownMenuLink">

                        <a class="dropdown-item" href="#">Action</a>

                        <a class="dropdown-item" href="#">Another action</a>

                        <a class="dropdown-item" href="#">Something else here</a>

                    </div>

                </li>

            </ul>

        </div>

    </nav>

    <br />

    <center>

        <div class="bd-example">

            <div id="carouselExampleCaptions" class="carousel slide" data-ride="carousel">

                <ol class="carousel-indicators">

                    <li data-target="#carouselExampleCaptions" data-slide-to="0" class="active"></li>

                    <li data-target="#carouselExampleCaptions" data-slide-to="1"></li>

                    <li data-target="#carouselExampleCaptions" data-slide-to="2"></li>

                </ol>

                <div class="carousel-inner">

                    <div class="carousel-item active">

                        <img src="download (1).jpg" class="d-block w-100" alt="...">

                        <div class="carousel-caption d-none d-md-block">

                            <h5>Mobile Phones</h5>

                            <p>50% off</p>

                        </div>

                    </div>

                    <div class="carousel-item">

                        <img src="download (2).jpg" class="d-block w-100" alt="...">

                        <div class="carousel-caption d-none d-md-block">

                            <h5>Laptops</h5>

                            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>

                        </div>

                    </div>

                    <div class="carousel-item">

                        <img src="download (3).jpg" class="d-block w-100" alt="...">

                        <div class="carousel-caption d-none d-md-block">

                            <h5>Clothes</h5>

                            <p>Praesent commodo cursus magna, vel scelerisque nisl consectetur.</p>

                        </div>

                    </div>

                </div>

                <a class="carousel-control-prev" href="#carouselExampleCaptions" role="button" data-slide="prev">

                    <span class="carousel-control-prev-icon" aria-hidden="true"></span>

                    <span class="sr-only">Previous</span>

                </a>

                <a class="carousel-control-next" href="#carouselExampleCaptions" role="button" data-slide="next">

                    <span class="carousel-control-next-icon" aria-hidden="true"></span>

                    <span class="sr-only">Next</span>

                </a>

            </div>

        </div>

    </center>

    <button type="button" class="btn btn-primary" data-toggle="modal" data-target="#exampleModal"

        data-whatever="@getbootstrap">Purchasing</button>

    <div class="modal fade" id="exampleModal" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel"

        aria-hidden="true">

        <div class="modal-dialog" role="document">

            <div class="modal-content">

                <div class="modal-header">

                    <h5 class="modal-title" id="exampleModalLabel">User Details</h5>

                    <button type="button" class="close" data-dismiss="modal" aria-label="Close">

                        <span aria-hidden="true">&times;</span>

                    </button>

                </div>

                <div class="modal-body">

                    <form>

                        <div class="form-group">

                            <label for="recipient-name" class="col-form-label">Product ID:</label>

                            <input type="text" class="form-control" id="proId" required>

                            <span id="errorInProductID"></span>

                        </div>

                        <div class="form-group">

                            <label for="message-text" class="col-form-label">Order Id:</label>

                            <input type="text" class="form-control" id="oId" required>

                            <span id="errorInOrderID"></span>

                        </div>

                        <div class="form-group">

                            <label for="message-text" class="col-form-label">Date of Purchase::</label>

                            <input type="date" class="form-control" id="recipient-name" required>

                        </div>

                        <div class="form-group">

                            <label for="message-text" class="col-form-label">Address of the Supplier::</label>

                            <input type="text" class="form-control" id="recipient-name" required>

                        </div>

                        <div class="form-group">

                            <label for="message-text" class="col-form-label">Quantity:</label>

                            <input type="text" class="form-control" id="recipient-name" required>

                        </div>

                        <div class="form-group">

                            <label for="message-text" class="col-form-label">Price per unit:</label>

                            <input type="text" class="form-control" id="recipient-name" required>

                        </div>

                    </form>

                </div>

                <div class="modal-footer">

                    <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>

                    <button type="button" class="btn btn-primary" onclick="addDetails()">Send message</button>

                </div>

            </div>

        </div>

    </div>

</body>

</html>