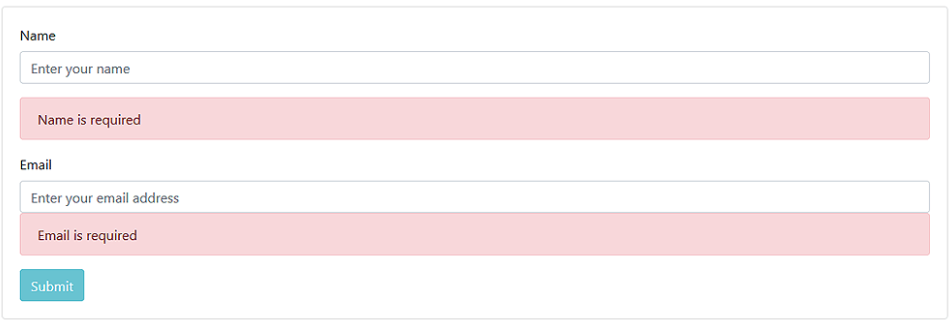
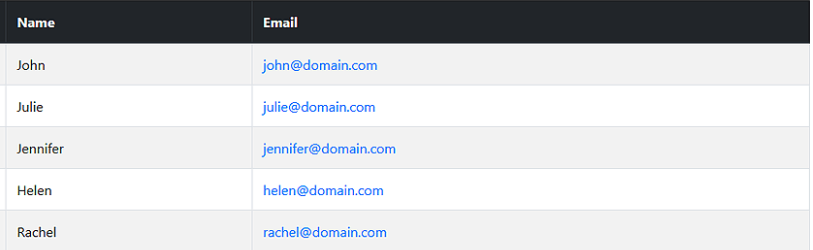
1. Create an HTML page to validate Name and Email. (Use Bootstrap, JQuery wherever applicable)



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:



Solution:

<html>

    <head>

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

        <script src="jquery.js"></script>

        <script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>

        <script type="text/javascript">

            function validation()

            {

            var uname= document.getElementById("userName").value

            var divUname=document.getElementById("nameDiv")

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

            var divEmail=document.getElementById("emailDiv")

            divUname.innerHTML="";

            divEmail.innerHTML="";

            if (uname.length==0){

                divUname.innerHTML="<font color=red>Name is required</font><br>"

                }

            if (email.indexOf("@")==-1){

                divEmail.innerHTML="<font color=red>Email is required</font><br>"

                }

            }

            function addTable(){

                var name = $("#userName").val();

                var email = $("#email").val();

                var tableValue = "<tr><td>" + name + "</td><td><font color=blue> " + email + "</td></tr>";

                $("table tbody").append(tableValue);

                }

            </script>

            <style>

                table{

                    width: 100%;

                    margin: 20px 0;

                    }

                    table, th, td{

                        border: 1px solid black;

                    }

                    table th, table td{

                        padding: 5px;

                        text-align: left;

                    }

            </style>

    </head>

    <body>

        <form class="form-group">

            <div class="container">

                <div class="row">

                    <div class="col-md-4 col-md-offset-3">

                        Name<input type="text" class="form-control" id="userName" name="userName" placeholder="Enter Your Name" onblur="validation()"><br>

                    <div id="nameDiv"></div>

                    </div>

                    <div class="col-md-4 col-md-offset-3">

                        Email<input type="text" class="form-control" id="email" name="email" placeholder="Enter Your Email" onblur="validation()"><br>

                    <div id="emailDiv"></div>

                    <input type="button" class="btn btn-info" id="submitBtn" onclick="addTable()" value="Submit">

                    </div>

                </div>

            </div>

        </form>

        <table>

            <thead>

                <tr>

                    <th>Name</th>

                    <th>Email</th>

                </tr>

            </thead>

            <tbody>

            </tbody>

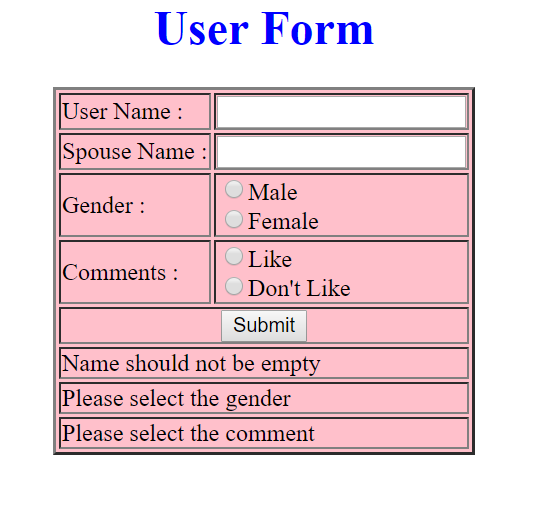
        </table>

    </body>

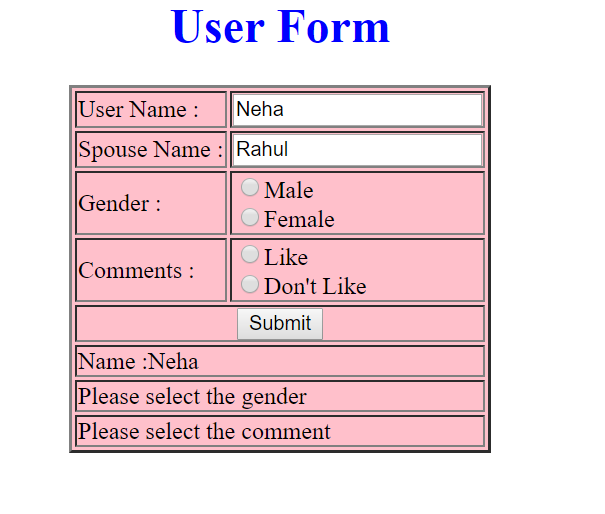
</html>

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

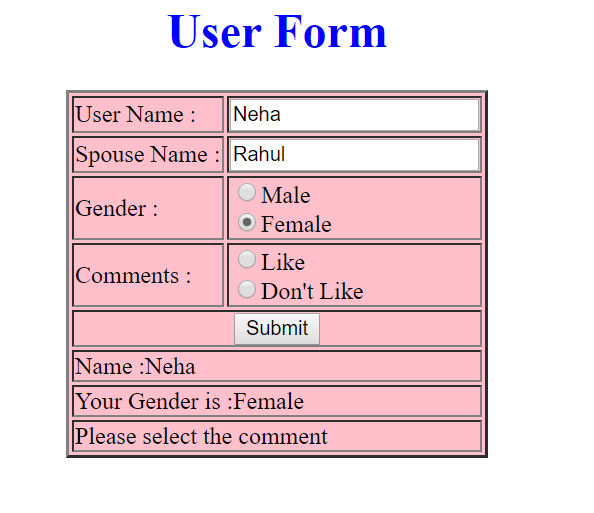
**Image - 1-4**



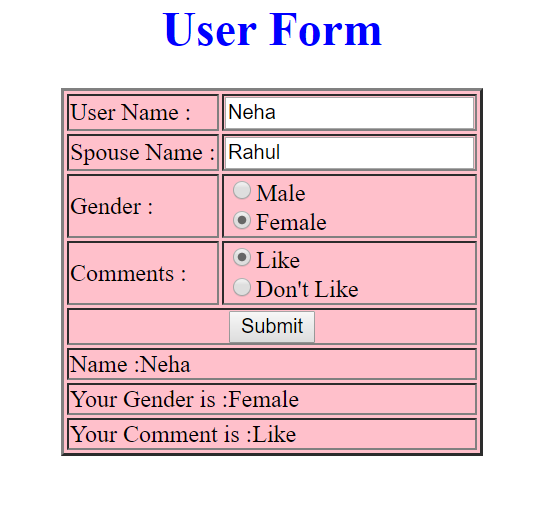
**Image - 2-4**



**Image - 3-4**



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



Solution:

<html>

    <head>

        <script type="text/javascript">

        function check(){

            var span1=document.getElementById("s1")

            var span2=document.getElementById("s2")

            var span3=document.getElementById("s3")

            span1.innerHTML=""

            span2.innerHTML=""

            span3.innerHTML=""

            with(document.forms[0]){

                if(userName.value=="" &&  spouseName.value=="")

                {

                    span1.innerHTML="Name should not be empty"

                }

                else{

                    span1.innerHTML= (userName.value)

                }

                if(document.getElementById("gender1").checked==true)

                {

                    span2.innerHTML="Your gender is"+" " +(document.getElementById("gender1").value)

                }

                else if(document.getElementById("gender2").checked==true)

                {

                    span2.innerHTML="Your gender is"+" " +(document.getElementById("gender2").value)

                }

                else{

                    span2.innerHTML="Please Select Gender"

                }

                if(document.getElementById("comment1").checked==true)

                {

                    span3.innerHTML="Your comment is"+" " + (document.getElementById("comment1").value)

                }

                else if(document.getElementById("comment2").checked==true)

                {

                    span3.innerHTML="Your comment is"+" " + (document.getElementById("comment2").value)

                }

                else{

                    span3.innerHTML="Please Select Comment"

                }

            }

        }

        </script>

    </head>

    <body bgcolor="pink">

        <h1 align="center" ><font color="blue" >UserForm</font></h1>

        <form>

        <table border="10px" align="center">

            <tr>

                <td>User Name:</td>

                <td><input type="text" id="userName" name="userName" onblur="check()"></td>

            </tr>

            <tr>

                <td>Spouse Name:</td>

                <td><input type="text" id="spouseName" name="spouseName" onblur="check()"></td>

            </tr>

            <tr>

                <td>Gender:</td>

                <td ><input type="radio" id="gender1" name="gender" value="male" onclick="check()" >Male<br>

                <input type="radio" id="gender2" name="gender" value="female" onclick="check()">female</td>

                </tr>

                <tr>

                        <td>Do you like it?:</td>

                        <td onselect="check()"><input type="radio" id="comment1" name="comment" value="Yes" onclick="check()" >Yes<br>

                        <input type="radio" id="comment2" name="comment" value="No" onclick="check()" >No</td>

                </tr>

                <tr>

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

                </tr>

                <tr>

                    <td colspan="2" align="center"><span id="s1"></span></td>

                </tr>

                <tr>

                        <td colspan="2" align="center"><span id="s2"></span></td>

                    </tr>

                    <tr>

                            <td colspan="2" align="center"><span id="s3"></span></td>

                        </tr>

        </form>

        </table>

    </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 .

Solution:

<html>

    <head>

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

        <script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>

        <script src="jquery.js"></script>

        <link rel="stylesheet"href="http://code.jquery.com/ui/1.10.3/themes/smoothness/jquery-ui.css" />

        <script src="http://code.jquery.com/jquery-1.9.1.js"></script>

        <script src="http://code.jquery.com/ui/1.10.3/jquery-ui.js"></script>

        <script>

            $(document).ready(function(){

                $("#date").datepicker();

                $("#productId").blur(function(){

                    var pId =document.getElementById("productId").value;

                    if(pId.length==0){

                        alert("Enter Product ID");

                    }

                    if(pId.charAt(0)!="P"){

                        alert("Product ID must start with P")

                    }

                    if(pId.length!=6){

                        alert("Product ID must contain 6 digits")

                    }

                })

                $("#orderId").blur(function(){

                    var oId =document.getElementById("orderId").value;

                    if(oId.length==0){

                        alert("Enter Order ID");

                    }

                    if(oId.charAt(0)!="O" && (oId.charAt(1)!="D")){

                        alert("Product ID must start with OD")

                    }

                    if(oId.length!=5){

                        alert("Product ID must contain 4 digits")

                    }

                })

                $("#submitBtn").click(function(){

                    var sname=document.getElementById("supplierName").value;

                    var address=document.getElementById("supplierAddress").value;

                    var quant=document.getElementById("quantityOrdered").value;

                    if(sname.length==0||address.length==0||quant.length==0){

                        alert("Enter the Mandatory Fields")

                    }

                })

            })

        </script>

    </head>

    <body>

        <form class="form-group">

            <div class="container">

                <div class="row">

                    <div class="col-md-4 col-md-offset-3">

                        <h1>Purchase Details</h1><br>

                        OrderId<input type="text" class="form-control" id="orderId" name="orderId" placeholder="Enter Your OrderID" required><br>

                    </div>

                    <div class="col-md-4 col-md-offset-3">

                    ProductId<input type="text" class="form-control" id="productId" name="productId" placeholder="Enter Your ProductId" required><br>

                    Date of Purchase <input class="form-control ui-widget" id="date" type="text" required placeholder="Date of Purchase"><br>

                    Name of the Supplier <input class="form-control" type="text" name="supplierName" id="supplierName"placeholder="Enter your Name of the Supplier" required><br>

                    Address of the Supplier <input class="form-control" type="text" name="supplierAddress" id="supplierAddress" placeholder="Enter the address of the Supplier"required><br>

                    Quantity ordered <input class="form-control" type="number" name="quantityOrdered" id="quantityOrdered" placeholder="Enter the Number of Quantity"required><br>

                    Price Per Unit <input class="form-control" type="text" placeholder="Price Per unit"required><br>

                    <input type="button" class="btn btn-info" id="submitBtn" value="Submit">

                    </div>

                </div>

            </div>

        </form>

    </body>

</html>