Q 11. Create index.html file containing two forms for SignIn and SignUp. Submitting SignIn form should search for credentials in mysql database using server created in previous practical. On successful signin, a welcome page should be displayed. Submitting SignUp form should insert new entry for credentials in mysql database using server created in previous practical. On successful signup, user should be returned back to index.html.

Sign UP.Html

```html
<!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">
    <title>Document</title>
    <script type="text/javascript" src="validate.js"></script>
    <style>
        * {
            margin: 0;
            padding: 0;
        }

        .ferror {
            color: red;
        }

        .reset {
            background: gray;
            font-size: 24px;
            color: black;
            border-radius: 20px;
        }

        h1 {
            text-align: center;
        }

        .sub {
            background: rgb(0, 128, 75);
            font-size: 24px;
            color: black;
            border-radius: 20px;
        }

        td {
            font-size: 25px;
        }
body{
    background: rgb(58, 1, 1);
}
```

```css
.form {
    color: rgb(229, 228, 245);
    align-items: center;
    align-content: center;

    font-size: 25px;
    /* margin-left: 30px; */
}

.name2 {
    width: 30%;
    padding: 10px;
}

.center {
    text-align: center;
    justify-content: center;
    align-items: center;
}

#gender {
    margin-right: 200px;
}

.btn {
    display: flex;
    text-align: center;
    align-items: center;
    justify-content: center;
}

.sub {
    margin-left: 100px;
}
.con{
    margin-right: 456px;
}
@media only screen and (max-width:1080px){
    .form{
        display: flex;
        flex-direction: column;
        width: 100vw;
        font-size: 20px;
    }
    .name2{
        width: 70%;
    }
    #gender {
    margin-right: 0px;
}
.con{
    margin: 0;
}
```

```html
        .sub {
            margin-left: 50px;
        }

        }
    </style>
</head>

<body>
    <div class="center">
        <form action="/" name="myform" onsubmit="return validateform();" class="form"
method="post">
            <table cellpadding="2" width="80%" align="center" cellspacing="2">
                <h1>Sign UP Form</h1>
                <div class="form" id="name">
                    User Name:
                    <input type="text" placeholder="Enter Your Name" name="name" id="name"
class="name2" size="30" required><b><span class="ferror"
                        class="name1"></span></b>
                </div>
                <br>
                <div class="form" id="phone">
                    Phone:&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp

                    <input type="phone" placeholder="Enter Your Phone Number" name="phone"
id="phone" class="name2" size="30" required class="name1"><b><span
                        class="ferror"></span></b>
                </div>
                <br>
                <div class="form" id="email">
                    Email Id:&nbsp&nbsp&nbsp&nbsp

                    <input type="email" placeholder="Enter Your Email ID " name="email"
id="email" size="30" class="name2" required class="name1"><b><span
                        class="ferror"></span></b>
                </div>
                <br>
                <div class="form" id="gender" class="gender">
                    Gender:&nbsp&nbsp&nbsp&nbsp

                    <input type="radio" name="gender" id="gender1" size="190" value="male"
required>
                    Male
                    <input type="radio" name="gender" id="gender1" size="190" value="female">

                    Female
                    <b><span class="ferror"></span></b>
                </div>
                <br>
                <div class="form" id="password">
                    Password:&nbsp&nbsp&nbsp&nbsp

                    <input type="text" placeholder="Enter Your Password" name="password"
id="password" size="30" class="name2" required
```

```html
                            class="name1"><b><span class="ferror"></span></b>
                    </div>
                    <br>
                    <div class="form" id="conpassword">
                        <div class="con">Confirmn</div>

                        Password:&nbsp&nbsp&nbsp&nbsp

                        <input type="password" placeholder="ReEnter Your Password"
name="conpassword" id="conpassword1" size="30" class="name2" required
                            class="name1"><b><span class="ferror"></span></b>
                    </div>
                    <div class="form">
                    <input type="checkbox" name="Show Password" size="30"
                    id="Show Password" onclick="visibility()">
                    <label for="Show Password">Show Password</label><br></div>

                    <br><div class="btn" class="form">

                        <div class="btn2"><input type="reset" name="reset"
class="reset"></div>
                        <div class="btn1"></div><input type="submit" value="Sign UP"
class="sub" name="Sign Up">

                    </div>
            </table>
        </form>
    </div>
</body>
<script>
    function clearError() {
        errors = document.getElementsByClassName("ferror");
        for (let item of errors) {
            item.innerHTML = "";
        }
    }
    function seterror(id, error) {
        element = document.getElementById(id);
        element.getElementsByClassName("ferror")[0].innerHTML = error;
    }
    function validateform() {
        clearError();
        var returnval = true;
        var name = document.forms["myform"]["name"].value;
        if (name.length < 5) {
            seterror("name", "*name is too short");
            alert("*name is too short");
            return false;
        }
        var phone = document.forms["myform"]["phone"].value;
        if (phone.length != 10) {
            seterror("phone", "*mobile number must have 10 digit");
            alert("please enter valid phone number");
            return false;
```

```javascript
        }
        var email = document.forms["myform"]["email"].value;
        if (email.length > 30 || email.length < 15) {
            seterror("email", "*email is not more than 15b character");
            alert("please enter valid email id");
            return false;
        }
        var p=document.forms['myform']['password'].value;
        if(p.length>=8
&&((p.includes('#'))||(p.includes('@'))||(p.includes('$'))||(p.includes('&'))||(p.includes('%'
)||(p.includes('.'))))){

        }
        else{
            alert('password Must contain special characte or length must be greater the 7');
            return false;
        }
var pasmatch=match_pass();
if(pasmatch){

}
else{
    alert("Please Enter correct conpassword");
    returnval = false;
    return returnval
}

        var f = confirm("YOU WANT TO SUMBIT A FORM");
        if (f == true) {
            var gender=document.forms['myform']['gender'].value;
            returnval = true;
            alert("your form submitted successfully")
            console.log(gender)
            console.log(name)
            console.log(email)
            console.log(phone)
            console.log(p)

            return returnval
        }
        else {
            alert("your form not submitted ")
            returnval = false;
            return returnval
        }

        return returnval;

    }
function visibility(){
    var e=document.getElementById('conpassword1');

    if(e.type==='password'){
        console.log(e);
```

```
            e.type='text';
        }
        else{
            e.type="password";
        }
        match_pass()
}
function match_pass(){
    var pass = document.forms["myform"]["password"].value;
    var con_pass = document.forms["myform"]["conpassword1"].value;
    console.log(pass,"   ",con_pass)
    if(pass===con_pass){
        return true;
    }
    else{
        return false;
    }
}
</script>

</html>
```

Sign In.html

```
<!DOCTYPE html>
```

```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">
    <title>Document</title>
    <script type="text/javascript" src="validate.js"></script>
    <style>
        * {
            margin: 0;
            padding: 0;
        }

        .ferror {
            color: red;
        }

        .reset {
            background: gray;
            font-size: 24px;
            color: black;
            border-radius: 20px;
        }

        h1 {
            text-align: center;
        }

        .sub {
            background: rgb(0, 128, 75);
            font-size: 24px;
            color: black;
            border-radius: 20px;
        }

        td {
            font-size: 25px;
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    background: rgb(58, 1, 1);
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        .form {
            color: rgb(229, 228, 245);
            align-items: center;
            align-content: center;

            font-size: 25px;
            /* margin-left: 30px; */
        }

        .name2 {
```

```css
            width: 30%;
            padding: 10px;
        }

        .center {
            text-align: center;
            justify-content: center;
            align-items: center;
        }

        #gender {
            margin-right: 200px;
        }
.form{
    margin-top: 40px;
}
        .btn {
            display: flex;
            text-align: center;
            align-items: center;
            justify-content: center;
        }

        .sub {
            margin-left: 100px;
        }
        .con{
            margin-right: 456px;
        }
        @media only screen and (max-width:1080px){
            .form{
                display: flex;
                flex-direction: column;
                width: 100vw;
                font-size: 20px;
            }
            .name2{
                width: 70%;
            }
            #gender {
            margin-right: 0px;
        }
        .con{
            margin: 0;
        }
        .sub {
            margin-left: 50px;
        }

        }
    </style>
</head>

<body>
```

```html
    <div class="center">
        <form action="/sign" name="myform" onsubmit="return validateform();" class="form"
method="post">
            <table cellpadding="2" width="80%" align="center" cellspacing="2">
                <h1>Sign In form</h1>

                <div class="form" id="email">
                    Email Id:&nbsp&nbsp&nbsp&nbsp

                    <input type="email" name="email"  placeholder="Enter Your Email Id"
id="email" size="30" class="name2" required class="name1"><b><span
                        class="ferror"></span></b>
                </div>

                <div class="form" id="conpassword">


                    Password:&nbsp&nbsp&nbsp&nbsp

                    <input type="password" placeholder="Enter Your Password" name="password"
id="password"size="30" class="name2" required
                        class="name1"><b><span class="ferror"></span></b>
                </div>
                <div class="form1">
                <input type="checkbox" name="Show Password" size="30"
                id="Show Password" onclick="visibility()">
                <label for="Show Password">Show Password</label><br></div>

                <br><div class="btn" class="form">


                    <div class="btn1"></div><input type="submit" value="Sign In"
class="sub" name="Sign Up">

                </div>
            </table>
        </form>
    </div>
</body>
<script>

function visibility(){
    var e=document.getElementById('password');

    if(e.type==='password'){
        console.log(e);
        e.type='text';
    }
    else{
        e.type="password";
    }

}
```

```
</script>

</html>
```

Nodejs file

```javascript
var express = require('express');
var mysql = require('mysql')
var data;
var con = mysql.createConnection({
    host: 'localhost',
    user: 'root',
    password: 'Devashish123',
    database: 'nodejs'

});
var app = express();
var bodyp = require('body-parser');
const send = require('send');
app.use(bodyp.json());
app.use(bodyp.urlencoded({
    extended: true
}));
app.get('/', function (req, res) {
    res.sendFile(__dirname + '/itq11.html');
});
app.post('/', function (req, res) {
    var name1 = req.body.name;
    var phone = req.body.phone;
    var email = req.body.email;
    var gender = req.body.gender;
    var p = req.body.password;
    con.connect(function (err) {
        if (err) throw err;
        console.log("connect")
        var sql = `Insert into  formdata (name , phone , email_id , gender ,password ) values
('${name1}','${phone}','${email}','${gender}','${p}');`;
        con.query(sql, function (err, result) {

            if (err) {

                res.redirect("/")
            }
            else {
                res.redirect('/login')
            }
        });
    });
    console.log(res.body)
```

```javascript
});
app.get("/login", function (req, res) {
    res.sendFile(__dirname + '/signin.html');

});


app.post('/sign', function (req, res) {
    var name1 = req.body.name;
    var phone = req.body.phone;
    var email = req.body.email;
    email1 = req.body.email;
    var gender = req.body.gender;
    var p = req.body.password;


    console.log("connect")
    var sql = `select * from formdata where email_id='${email}' and password='${p}'`;
    con.query(sql, function (err, result) {
        data = JSON.parse(JSON.stringify(result));



        email1 = data[0].name;

        if (err) {
            console.log(err)
            res.redirect("/login")
        }
        else {
            res.redirect('/project')
        }
    });
});


app.get("/project", function (req, res) {
    console.log(data[0].name);
    console.log(data[0].phone);
    console.log(data[0].gender);
    console.log(data[0].email_id);
    // res.sendFile(__dirname +'/responsive.html');
    res.end(`<h1>&nbsp &nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp
&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp
&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp &nbsp
&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbspwelcome
User</h1><br>`+`<h2>Name: &nbsp &nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp
&nbsp&nbsp&nbsp&nbsp&nbsp &nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp ${data[0].name}</h2><br>`
    +`<h2>Gender: &nbsp
&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbs
p&nbsp&nbsp&nbsp ${data[0].gender}</h2><br>`
    +`<h2>Phone Number: &nbsp &nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp
${data[0].phone}</h2><br>`+`<h2>Email Id:
```

```
&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp  &nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp
${data[0].email_id}</h2><br>`);

});

app.listen(10000);
```

Ouput

Mysql Data

```
Database changed
mysql> select * from formdata;
+--------------------+------------+-------------------------+--------+-------------+
| name               | phone      | email_id                | gender | password    |
+--------------------+------------+-------------------------+--------+-------------+
| Devashish          | 6204938168 | devashish123@gmail.com  | male   | deva@123123 |
| Gaurav             | 5886954545 | gaurav123@gmail.com     | male   | Gaurav@123  |
| Harsh Dev shukala  | 5886954545 | harsh15623@gmail.com    | male   | Harsh@123123|
| Himanshu           | 9821810272 | hk6293155@gmail.com     | male   | Himanshu@123|
| Karan              | 9899272382 | karanranga2351@gmail.com| male   | karan@123   |
| Nipun Singh        | 6204938168 | nipun123@gmail.com      | male   | nipun@11N   |
| vikram             | 9899272382 | vikram123@gmail.com     | male   | vikram@123  |
+--------------------+------------+-------------------------+--------+-------------+
7 rows in set (0.00 sec)
```

Log in page

Sign In form

Email Id: devashish123@gmail.com

Password: deva@123123

☑ Show Password

Sign In

Fetch data

welcome   user

Name: **Devashish**

Gender: **male**

Phone Number: **6204938168**

Email Id: **devashish123@gmail.com**