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PRACTICAL -11

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

HTML File

```
prac11 > <> prac11.html > ⊘ html > ⊘ head > ⊘ style > ⁵₃ #gender
1     <!DOCTYPE html>
2     <html lang="en">
3     <head>
4       <meta charset="UTF-8">
5       <meta http-equiv="X-UA-Compatible" content="IE=edge">
6       <meta name="viewport" content="width=device-width, initial-scale=1.0">
7       <title>Document</title>
8       <script type="text/javascript" src="validate.js"></script>
9       <style>
10      * {
11      margin: 0;
12      padding: 0;
13      }
14      .ferror {
15      color: ■red;
16      }
17      .reset {
18      background: ■gray;
19      font-size: 24px;
20      color: ■black;
21      border-radius: 20px;
22      }
23      h1 {
24      text-align: center;
25      }
26      .sub {
27      background: ■rgb(0, 128, 75);
28      font-size: 24px;
29      color: ■black;
30      border-radius: 20px;
31      }
32      td {
33      font-size: 25px;
34      }
35      body{
36        background: ■rgb(226, 49, 102);
37      }
38      .form {
39      color: □rgb(229, 228, 245);
40      align-items: center;
```

```css
41    align-content: center;
42
43    font-size: 25px;
44    /* margin-left: 30px; */
45    }
46    .name2 {
47    width: 30%;
48    padding: 10px;
49    }
50    .center {
51    text-align: center;
52    justify-content: center;
53    align-items: center;
54    }
55    #gender {
56    margin-right: 200px;
57    }
58    .btn {
59    display: flex;
60    text-align: center;
61    align-items: center;
62    justify-content: center;
63    }
64    .sub {
65    margin-left: 100px;
66    }
67    .con{
68    margin-right: 456px;
69    }
70    @media only screen and (max-width:1080px){
71    .form{
72    display: flex;
73    flex-direction: column;
74    width: 100vw;
75    font-size: 20px;
76    }
77    .name2{
78    width: 70%;
79    }
80    #gender {
```

```
 81     margin-right: 0px;
 82     }
 83     .con{
 84     margin: 0;
 85     }
 86     .sub {
 87     margin-left: 50px;
 88     }
 89     }
 90     </style>
 91    </head>
 92    <body>
 93     <div class="center">
 94     <form action="/" name="myform" onsubmit="return validateform();" class="form"
 95    method="post">
 96     <table cellpadding="2" width="80%" align="center" cellspacing="2">
 97     <h1>Sign UP Form</h1>
 98     <div class="form" id="name">
 99     User Name:
100     <input type="text" placeholder="Enter Your Name" name="name" id="name"
101    class="name2" size="30" required><b><span class="ferror"
102     class="name1"></span></b>
103     </div>
104     <br>
105     <div class="form" id="phone">
106     Phone:&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp
107     <input type="phone" placeholder="Enter Your Phone Number" name="phone"
108    id="phone" class="name2" size="30" required class="name1"><b><span
109     class="ferror"></span></b>
110     </div>
111     <br>
112     <div class="form" id="email">
113     Email Id:&nbsp&nbsp&nbsp&nbsp
114     <input type="email" placeholder="Enter Your Email ID " name="email"
115    id="email" size="30" class="name2" required class="name1"><b><span
116     class="ferror"></span></b>
117     </div>
118     <br>
119     <div class="form" id="gender" class="gender">
120     Gender:&nbsp&nbsp&nbsp&nbsp
```

```html
121    <input type="radio" name="gender" id="gender1" size="190" value="male"
122    required>
123    Male
124    <input type="radio" name="gender" id="gender1" size="190" value="female">
125    Female
126    <b><span class="ferror"></span></b>
127    </div>
128    <br>
129    <div class="form" id="password">
130    Password:&nbsp&nbsp&nbsp&nbsp
131    <input type="text" placeholder="Enter Your Password" name="password"
132    id="password" size="30" class="name2" required
133    class="name1"><b><span class="ferror"></span></b>
134    </div>
135    <br>
136    <div class="form" id="conpassword">
137    <div class="con">Confirmn</div>
138
139    Password:&nbsp&nbsp&nbsp&nbsp
140    <input type="password" placeholder="ReEnter Your Password"
141    name="conpassword" id="conpassword1" size="30" class="name2" required
142    class="name1"><b><span class="ferror"></span></b>
143    </div>
144    <div class="form">
145    <input type="checkbox" name="Show Password" size="30"
146    id="Show Password" onclick="visibility()">
147    <label for="Show Password">Show Password</label><br></div>
148
149    <br><div class="btn" class="form">
150
151    <div class="btn2"><input type="reset" name="reset"
152    class="reset"></div>
153    <div class="btn1"></div><input type="submit" value="Sign UP"
154    class="sub" name="Sign Up">
155
156    </div>
157    </table>
158    </form>
159    </div>
160    </body>
```

```
161    <script>
162     function clearError() {
163     errors = document.getElementsByClassName("ferror");
164     for (let item of errors) {
165     item.innerHTML = "";
166     }
167     }
168     function seterror(id, error) {
169     element = document.getElementById(id);
170     element.getElementsByClassName("ferror")[0].innerHTML = error;
171     }
172     function validateform() {
173     clearError();
174     var returnval = true;
175     var name = document.forms["myform"]["name"].value;
176     if (name.length < 5) {
177     seterror("name", "*name is too short");
178     alert("*name is too short");
179     return false;
180     }
181     var phone = document.forms["myform"]["phone"].value;
182     if (phone.length != 10) {
183     seterror("phone", "*mobile number must have 10 digit");
184     alert("please enter valid phone number");
185     return false;
186     }
187     var email = document.forms["myform"]["email"].value;
188     if (email.length > 30 || email.length < 15) {
189     seterror("email", "*email is not more than 15b character");
190     alert("please enter valid email id");
191     return false;
192     }
193     var p=document.forms['myform']['password'].value;
194     if(p.length>=8
195  &&((p.includes('#'))||(p.includes('@'))||(p.includes('$'))||(p.includes('&'))||(p.includes('%'
196  ))||(p.includes('.'))))){
197     }
198     else{
199     alert('password Must contain special characte or length must be greater the 7');
200     return false;
```

```javascript
201     }
202     var pasmatch=match_pass();
203     if(pasmatch){
204     }
205     else{
206     alert("Please Enter correct conpassword");
207     returnval = false;
208     return returnval
209     }
210     var f = confirm("YOU WANT TO SUMBIT A FORM");
211     if (f == true) {
212     var gender=document.forms['myform']['gender'].value;
213     returnval = true;
214     alert("your form submitted successfully")
215     console.log(gender)
216     console.log(name)
217     console.log(email)
218     console.log(phone)
219     console.log(p)
220
221     return returnval
222     }
223     else {
224     alert("your form not submitted ")
225     returnval = false;
226     return returnval
227     }
228     return returnval;
229     }
230     function visibility(){
231     var e=document.getElementById('conpassword1');
232
233     if(e.type==='password'){
234     console.log(e);
235     e.type='text';
236     }
237     else{
238     e.type="password";
239     }
240     match_pass()
```

```
241     }
242     function match_pass(){
243       var pass = document.forms["myform"]["password"].value;
244       var con_pass = document.forms["myform"]["conpassword1"].value;
245       console.log(pass," ",con_pass)
246       if(pass===con_pass){
247       return true;
248       }
249       else{
250       return false;
251       }
252     }
253     </script>
254     </html>
255
```

SIGN_IN HTML File

```
1    <!DOCTYPE html>
2    <html lang="en">
3    <head>
4     <meta charset="UTF-8">
5     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <title>Document</title>
8     <script type="text/javascript" src="validate.js"></script>
9     <style>
10    * {
11    margin: 0;
12    padding: 0;
13    }
14    .ferror {
15    color: ⬛red;
16    }
17    .reset {
18    background: ⬛gray;
19    font-size: 24px;
20    color: ⬛black;
21    border-radius: 20px;
22    }
23    h1 {
24    text-align: center;
25    }
26    .sub {
27    background: ⬛rgb(0, 128, 75);
28    font-size: 24px;
29    color: ⬛black;
30    border-radius: 20px;
31    }
32    td {
33    font-size: 25px;
34    }
35    body{
36    background: ⬛rgb(226, 49, 102);
37    }
38    .form {
39    color: ⬛rgb(229, 228, 245);
40    align-items: center;
```
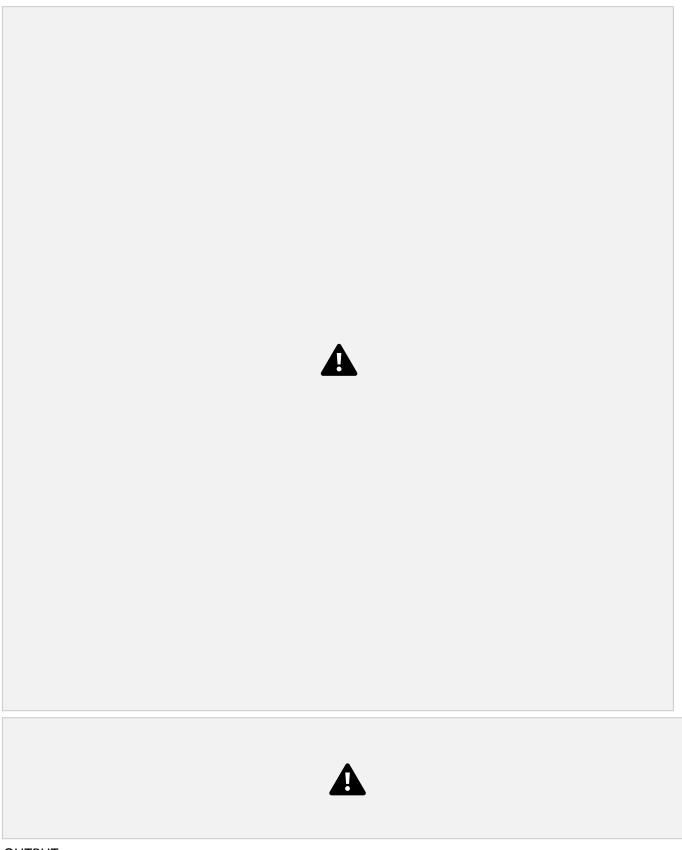
```css
41      align-content: center;
42
43      font-size: 25px;
44      /* margin-left: 30px; */
45      }
46      .name2 {
47      width: 30%;
48      padding: 10px;
49      }
50      .center {
51      text-align: center;
52      justify-content: center;
53      align-items: center;
54      }
55      #gender {
56      margin-right: 200px;
57      }
58    .form{
59     margin-top: 40px;
60    }
61      .btn {
62      display: flex;
63      text-align: center;
64      align-items: center;
65      justify-content: center;
66      }
67      .sub {
68      margin-left: 100px;
69      }
70      .con{
71      margin-right: 456px;
72      }
73      @media only screen and (max-width:1080px){
74      .form{
75      display: flex;
76      flex-direction: column;
77      width: 100vw;
78      font-size: 20px;
79      }
80      .name2{
```

```
81      width: 70%;
82      }
83      #gender {
84      margin-right: 0px;
85      }
86      .con{
87      margin: 0;
88      }
89      .sub {
90      margin-left: 50px;
91      }
92      }
93      </style>
94    </head>
95    <body>
96     <div class="center">
97     <form action="/sign" name="myform" onsubmit="return validateform();" class="form"
98    method="post">
99     <table cellpadding="2" width="80%" align="center" cellspacing="2">
100    <h1>Sign In form</h1>
101
102    <div class="form" id="email">
103    Email Id:&nbsp&nbsp&nbsp&nbsp
104    <input type="email" name="email" placeholder="Enter Your Email Id"
105   id="email" size="30" class="name2" required class="name1"><b><span
106    class="ferror"></span></b>
107    </div>
108
109    <div class="form" id="conpassword">
110
111
112    Password:&nbsp&nbsp&nbsp&nbsp
113    <input type="password" placeholder="Enter Your Password" name="password"
114   id="password"size="30" class="name2" required
115    class="name1"><b><span class="ferror"></span></b>
116    </div>
117    <div class="form1">
118    <input type="checkbox" name="Show Password" size="30"
119    id="Show Password" onclick="visibility()">
120    <label for="Show Password">Show Password</label><br></div>
```

JAVASCRIPT FILE

```
prac11 > JS prac11.js > ...
 1    var express = require('express');
 2    var mysql = require('mysql')
 3    var data;
 4    var con = mysql.createConnection({
 5     host: 'localhost',
 6     user: 'root',
 7     password: 'Himanshu123',
 8     database: 'nodejs'
 9    });
10    var app = express();
11    var bodyp = require('body-parser');
12    const send = require('send');
13    app.use(bodyp.json());
14    app.use(bodyp.urlencoded({
15     extended: true
16    }));
17    app.get('/', function (req, res) {
18     res.sendFile(__dirname + '/itq11.html');
19    });
20    app.post('/', function (req, res) {
21     var name1 = req.body.name;
22     var phone = req.body.phone;
23     var email = req.body.email;
24     var gender = req.body.gender;
25     var p = req.body.password;
26     con.connect(function (err) {
27     if (err) throw err;
28     console.log("connect")
29     var sql = `Insert into formdata (name , phone , email_id , gender ,password ) values
30    ('${name1}','${phone}','${email}','${gender}','${p}');`;
31     con.query(sql, function (err, result) {
32     if (err) {
33     res.redirect("/")
34     }
35     else {
36     res.redirect('/login')
37     }
38     });
39     });
40     console.log(res.body)
```