



BACKEND TECHNOLOGY

Experiment no.3

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Branch: MCA

Semester: 3RD

Subject Name: Backend technology

UID: 22MCA20720

Section/Group: 3/B

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Subject Code: 22CAH-706

1. Task to be done:- Create signup page and store the inputted data by user in file.

2. Ans:- code

```
3. <!DOCTYPE html>
4. <!-- Coding by CodingNepal | www.codingnepalweb.com-->
5. <html lang="en" dir="ltr">
6.   <head>
7.     <meta charset="UTF-8">
8.     <style>
9. @import
    url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400;500;600;700&display=swa
    p');
10. *{
11.   margin: 0;
12.   padding: 0;
13.   box-sizing: border-box;
14.   font-family: "Poppins" , sans-serif;
15. }
16. body{
17.   min-height: 100vh;
18.   display: flex;
19.   align-items: center;
20.   justify-content: center;
21.   background: #7d2ae8;
22.   padding: 30px;
23. }
24. .container{
25.   position: relative;
26.   max-width: 850px;
27.   width: 100%;
28.   background: #fff;
29.   padding: 40px 30px;
30.   box-shadow: 0 5px 10px rgba(0,0,0,0.2);
31.   perspective: 2700px;
32. }
33. .container .cover{
34.   position: absolute;
```

```
35. top: 0;
36. left: 50%;
37. height: 100%;
38. width: 50%;
39. z-index: 98;
40. transition: all 1s ease;
41. transform-origin: left;
42. transform-style: preserve-3d;
43.}
44..container #flip:checked ~ .cover{
45. transform: rotateY(-180deg);
46.}
47. .container .cover .front,
48. .container .cover .back{
49. position: absolute;
50. top: 0;
51. left: 0;
52. height: 100%;
53. width: 100%;
54.}
55..cover .back{
56. transform: rotateY(180deg);
57. backface-visibility: hidden;
58.}
59..container .cover::before,
60..container .cover::after{
61. content: '';
62. position: absolute;
63. height: 100%;
64. width: 100%;
65. background: #7d2ae8;
66. opacity: 0.5;
67. z-index: 12;
68.}
69..container .cover::after{
70. opacity: 0.3;
71. transform: rotateY(180deg);
72. backface-visibility: hidden;
73.}
74..container .cover img{
75. position: absolute;
76. height: 100%;
77. width: 100%;
78. object-fit: cover;
79. z-index: 10;
80.}
81..container .cover .text{
82. position: absolute;
```

```
83.  z-index: 130;
84.  height: 100%;
85.  width: 100%;
86.  display: flex;
87.  flex-direction: column;
88.  align-items: center;
89.  justify-content: center;
90.}
91..cover .text .text-1,
92..cover .text .text-2{
93.  font-size: 26px;
94.  font-weight: 600;
95.  color: #fff;
96.  text-align: center;
97.}
98..cover .text .text-2{
99.  font-size: 15px;
100.    font-weight: 500;
101.  }
102.  .container .forms{
103.    height: 100%;
104.    width: 100%;
105.    background: #fff;
106.  }
107.  .container .form-content{
108.    display: flex;
109.    align-items: center;
110.    justify-content: space-between;
111.  }
112.  .form-content .login-form,
113.  .form-content .signup-form{
114.    width: calc(100% / 2 - 25px);
115.  }
116.  .forms .form-content .title{
117.    position: relative;
118.    font-size: 24px;
119.    font-weight: 500;
120.    color: #333;
121.  }
122.  .forms .form-content .title:before{
123.    content: '';
124.    position: absolute;
125.    left: 0;
126.    bottom: 0;
127.    height: 3px;
128.    width: 25px;
129.    background: #7d2ae8;
130.  }
```

```
131. .forms .signup-form .title:before{
132.     width: 20px;
133. }
134. .forms .form-content .input-boxes{
135.     margin-top: 30px;
136. }
137. .forms .form-content .input-box{
138.     display: flex;
139.     align-items: center;
140.     height: 50px;
141.     width: 100%;
142.     margin: 10px 0;
143.     position: relative;
144. }
145. .form-content .input-box input{
146.     height: 100%;
147.     width: 100%;
148.     outline: none;
149.     border: none;
150.     padding: 0 30px;
151.     font-size: 16px;
152.     font-weight: 500;
153.     border-bottom: 2px solid rgba(0,0,0,0.2);
154.     transition: all 0.3s ease;
155. }
156. .form-content .input-box input:focus,
157. .form-content .input-box input:valid{
158.     border-color: #7d2ae8;
159. }
160. .form-content .input-box i{
161.     position: absolute;
162.     color: #7d2ae8;
163.     font-size: 17px;
164. }
165. .forms .form-content .text{
166.     font-size: 14px;
167.     font-weight: 500;
168.     color: #333;
169. }
170. .forms .form-content .text a{
171.     text-decoration: none;
172. }
173. .forms .form-content .text a:hover{
174.     text-decoration: underline;
175. }
176. .forms .form-content .button{
177.     color: #fff;
178.     margin-top: 40px;
```

```
179.     }
180.     .forms .form-content .button input{
181.         color: #fff;
182.         background: #7d2ae8;
183.         border-radius: 6px;
184.         padding: 0;
185.         cursor: pointer;
186.         transition: all 0.4s ease;
187.     }
188.     .forms .form-content .button input:hover{
189.         background: #5b13b9;
190.     }
191.     .forms .form-content label{
192.         color: #5b13b9;
193.         cursor: pointer;
194.     }
195.     .forms .form-content label:hover{
196.         text-decoration: underline;
197.     }
198.     .forms .form-content .login-text,
199.     .forms .form-content .sign-up-text{
200.         text-align: center;
201.         margin-top: 25px;
202.     }
203.     .container #flip{
204.         display: none;
205.     }
206.     @media (max-width: 730px) {
207.         .container .cover{
208.             display: none;
209.         }
210.         .form-content .login-form,
211.         .form-content .signup-form{
212.             width: 100%;
213.         }
214.         .form-content .signup-form{
215.             display: none;
216.         }
217.         .container #flip:checked ~ .forms .signup-form{
218.             display: block;
219.         }
220.         .container #flip:checked ~ .forms .login-form{
221.             display: none;
222.         }
223.     }
224. </style>
225.     <title> Login and Registration Page</title>
226.     <link rel="stylesheet" href="style.css">
```

```

227.         <!-- Fontawesome CDN Link -->
228.         <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
           awesome/5.15.3/css/all.min.css">
229.         <meta name="viewport" content="width=device-width, initial-scale=1.0">
230.     </head>
231.     <body>
232.         <div class="container">
233.             <input type="checkbox" id="flip">
234.             <div class="cover">
235.                 <div class="front">
236.                     <p style="background-image: url('images/img4.jpg');">
237.                         <div class="text">
238.                             <span class="text-1">Every new friend is a <br> new adventure</span>
239.                             <span class="text-2">Let's get connected</span>
240.                         </div>
241.                     </div>
242.                     <div class="back">
243.                         <!---->
244.                         <div class="text">
245.                             <span class="text-1">Complete miles of journey <br> with one step</span>
246.                             <span class="text-2">Let's get started</span>
247.                         </div>
248.                     </div>
249.                 </div>
250.
251.                 <div class="forms">
252.                     <form action="http://127.0.0.1:90/process_login" method="GET">
253.                         <div class="form-content">
254.                             <div class="login-form">
255.                                 <div class="title">Login</div>
256.                                 <form action="#">
257.                                     <div class="input-boxes">
258.                                         <div class="input-box">
259.                                             <i class="fas fa-envelope"></i>
260.                                             <input type="text" name="Email" placeholder="Enter your email" required>
261.                                         </div>
262.                                         <div class="input-box">
263.                                             <i class="fas fa-lock"></i>
264.                                             <input type="password" name="Password" placeholder="Enter your password"
265.                                             required>
266.                                         </div>
267.                                         <div class="text"><a href="#">Forgot password?</a></div>
268.                                         <div class="button input-box">
269.                                             <input type="submit" value="Sumbit">
270.                                         </div>
271.                                         <div class="text sign-up-text">Don't have an account? <label
           for="flip">Sigup now</label></div>

```

```
272.         </form>
273.     </div>
274.     <div class="signup-form">
275.         <form action="http://127.0.0.1:90/process_signup" method="GET">
276.             <div class="title">Signup</div>
277.             <form action="#">
278.                 <div class="input-boxes">
279.                     <div class="input-box">
280.                         <i class="fas fa-user"></i>
281.                         <input type="text" name="Username" placeholder="Enter your name"
required>
282.                     </div>
283.                     <div class="input-box">
284.                         <i class="fas fa-envelope"></i>
285.                         <input type="text" name="Email" placeholder="Enter your email"
required>
286.                     </div>
287.                     <div class="input-box">
288.                         <i class="fas fa-lock"></i>
289.                         <input type="password" name="Password" placeholder="Enter your password"
required>
290.                     </div>
291.                     <div class="button input-box">
292.                         <input type="submit" value="Sumbit">
293.                     </div>
294.                     <div class="text sign-up-text">Already have an account? <label
for="flip">Login now</label></div>
295.                 </div>
296.             </form>
297.         </div>
298.     </div>
299. </div>
300. </div>
301. </body>
302. </html>
```

Js.code:-

```
var express = require('express');
var fs = require('fs');
var app = express();
app.use(express.static('public'));

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

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



```
app.get('/process_login', function(req, res) {
  var response = {
    Email: req.query.Email,
    Password: req.query.Password
  };
  console.log(response);

  // Write data to a new text file
  writeDataToFile('login_data.txt', JSON.stringify(response));

  res.end(JSON.stringify(response));
});

app.get('/process_signup', function(req, res) {
  var response = {
    Username: req.query.Username,
    Email: req.query.Email,
    Password: req.query.Password
  };
  console.log(response);

  // Write data to a new text file
  writeDataToFile('signup_data.txt', JSON.stringify(response));

  res.end(JSON.stringify(response));
});

function writeDataToFile(filename, data) {
  fs.writeFile(filename, data, function(err) {
    if (err) {
      console.error("Error writing to file:", err);
    } else {
      console.log("Data written to", filename);
    }
  });
}

var server = app.listen(90, function() {
  var host = server.address().address;
  var port = server.address().port;
  console.log("Example app listening at http://%s:%s", host, port);
});
```

Output:-



Predictive Modeling and Analysis x Login and Registration Page x

127.0.0.1:5500/index.html

Great Hum Dum - Shiddat YouTube Maps History Student Account D... Linux worksheet 3... Google Collaboratory CHANDIGARH UNI... (Query removed) - J... Why Read? - View...

Login

[Forgot password?](#)

Submit

[Don't have an account? Signup now](#)

Signup

**Every new friend is a new adventure
let's get connected**

Submit

[Already have an account? Login now](#)

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```
signup_data.txt
1 {"Username":"kumari endu singh","Email":"kp0065563@gmail.com ","Password":"123456"}
```

```
login_data.txt
1 {"Email":"Kumari @gmail.com","Password":"123456"}
```