

FSD Week-5 Program

Welcome.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>welcome</title>
</head>
<script>
  function LogoutValidate(){
    localStorage.clear();
  }
</script>
<body>
  <h1>Welcome to Cmrit</h1>
  <form action="/" method="post">
    <button type="submit" onclick="LogoutValidate()">Logout</button>
  </form>
</body>
</html>
```

Success.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Registration</title>
</head>
<body>
  <h1>Registration Successful</h1>
</body>
</html>
```

Server.js

```
// Importing express module
const express = require('express');
const app = express();

app.use(express.json());
```

```

app.get('/',
  (req, res) => {
    res.sendFile(__dirname + '/index.html');
  });

app.get('/login',
  (req, res) => {
    res.sendFile(__dirname + '/login.html');
  });
app.get('/register',
  (req, res) => {
    res.sendFile(__dirname + '/register.html');
  });
app.get('/welcome',
  (req, res) => {
    res.sendFile(__dirname + '/welcome.html');
  });
app.post('/',(req, res) => {
  res.redirect("/")
});
app.post('/login',(req, res) => {
  res.redirect("/login")
});
app.post('/register',(req, res) => {
  res.redirect("/register")
});
app.post('/welcome',(req, res) => {
  res.redirect("/welcome")
});

app.listen(3000,
  () => {
    console.log(
      'Our express server is up on port 3000'
    );
  });

```

Register.js

```

function validate()
{
  YamunaCMR

```

```

var fn = frm.fname.value;
localStorage.setItem("firstname",fn)
for(x in fn)
{
    ch=fn.charCodeAt(x);
    if(ch<65 | | ch>90 && ch<97 | | ch>122)
    {
        alert("Invalid firstname");
        return false;
    }
}
var ln = frm.lname.value;
localStorage.setItem("lastname",ln)
for(y in ln)
{
    ch=ln.charCodeAt(y);
    if(ch<65 | | ch>90 && ch<97 | | ch>122)
    {
        alert("Invalid lastname");
        return false;
    }
}
var phn = frm.phone.value;
localStorage.setItem("phone",phn)
var lenp = phn.length;
if (lenp!=10)
{ alert("Phone no should be exactly 10 digits");
  return false;
}
var pwd1=frm.pwd.value;
localStorage.setItem("password",pwd1)
var pwdl=pwd1.length;
if(pwdl%2===1)
{
    alert("Password should contain even number of characters");
    return false;
}
if(pwdl > 8)
{
    alert("Password should not exceed 8 digits");
    return false;
}

```

```

//var reg = /^\\w+([-.]\\w+)*@\\w+([-.]\\w+)*\\.\\w+([-.]\\w+)*$/;
var reg = /^[a-zA-Z][a-zA-Z0-9\\.-]+@([a-zA-Z-]+)([a-z]{2,8})([a-z]{2,8})?$/;
var mail=frm.mailid.value;
localStorage.setItem("email",mail)
if (reg.test(mail)){
alert("Registration Successful!!");
}
else{
    alert("Invalid email");
return false;
}
    return true;

}

```

Register.html

```

<!DOCTYPE html>
<html>
  <head>
    <style>
      body{
        text-align: center; font-family: sans-serif;
      }
      h1{font-size: 20px;
      }

table tr td {
  padding-top: 6px;
  padding-bottom: 6px;
}
fieldset{width:500px; text-align: center;margin: auto;}

    </style>
    <div id="header">
<h1>Registration</h1>
    </div>

    <div id="content">
      <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
      <title>Register</title>
    </head>
    YamunaCMR

```

```

<script>
    function validate()
    {

        var fn = frm.fname.value;
        localStorage.setItem("firstname",fn)
        for(x in fn)
        {
            ch=fn.charCodeAt(x);
            if(ch<65 || ch>90 && ch<97 || ch>122)
            {
                alert("Invalid firstname");
                return false;
            }
        }
        var ln = frm.lname.value;
        localStorage.setItem("lastname",ln)
        for(y in ln)
        {
            ch=ln.charCodeAt(y);
            if(ch<65 || ch>90 && ch<97 || ch>122)
            {
                alert("Invalid lastname");
                return false;
            }
        }
        var phn = frm.phone.value;
        localStorage.setItem("phone",phn)
        var lenp = phn.length;
        if (lenp!=10)
        {
            alert("Phone no should be exactly 10 digits");
            return false;
        }

        var pwd1=frm.pwd.value;
        localStorage.setItem("password",pwd1)
        var pwdl=pwd1.length;
        if(pwdl%2===1)
        {
            alert("Password should contain even number of characters");
            return false;
        }
    }

```

```

if(pwdl > 8)
{
    alert("Password should not exceed 8 digits");
    return false;
}
var reg = /^[a-zA-Z][a-zA-Z0-9\-.~+@]([a-zA-Z-~+@]([a-z]{2,8})\.([a-z]{2,8})?$/;
var mail=frm.mailid.value;
localStorage.setItem("email",mail)
if (reg.test(mail)){
alert("Registration Successful!");
}
else{
    alert("Invalid email");
return false;
}
return true;
}

</script>
<div id="container">
<body>
<center>
    <form name="frm" method="POST" action="/login" onSubmit="return
validate()">

        <fieldset align="center">

            <table align="center">

                <tr><td>First Name: </td><td><input type="text" name="fname"
value="" size="50" required/></td></tr>
                <tr><td>Last Name: </td><td> <input type="text" name="lname"
value="" size="50" required/></td></tr>
                <tr><td>Phone No: </td><td> <input type="text" name="phone"
value="" size="50" required/></td></tr>
                <tr><td>Mail id:</td><td><input type="email" name="mailid" value=""
size="50" required/></td></tr>
                <tr><td>Gender:</td>
                    <td>Male: <input type="radio" name="gender" value="male" >
                        Female: <input type="radio" name="gender"
value="female"></td></tr>

```

```

        <tr><td>DOB :</td><td><input type="date" name="dob" size="50"
required/></td></tr>

        <tr><td>Username:</td><td><input type="text" name="uname" value=""
size="50" required/></td></tr>
        <tr><td>Password:</td><td><input type="password" name="pwd"
value="" size="50" required/></td></tr>

        <tr><td>Age:</td><td><input type="text" name="age" value="" size="50"
required/></td></tr>
    </table>
    <input type="submit" value="SUBMIT" name="submit" />

    </fieldset>
</form>
</div>
</center>
</body>
<div id="footer">
    Copyright © CMRIT_2024
</div>
</div>
</html>

```

Login.js

```

function LoginValidate(){

    var enteremail=document.getElementById('email').value;
    var enterpassword=document.getElementById('pwd').value;

    var getEmail=localStorage.getItem('email')
    var getPwd=localStorage.getItem('password')
    if(enteremail==getEmail)
    {
        if(enterpassword==getPwd)
        {
            alert("login success");
            window.location= "welcome.html" ;
            return false;

        }
        else

```

```

    {
        alert("wrong password");
    }
}
else
{
    alert("invalid details");
}

}

```

Login.html

```

<!DOCTYPE html>
<html>
<head>
    <title>Login Form</title>
</head>
<script>
    function LoginValidate(){

        var enteremail=document.getElementById('email').value;
        var enterpassword=document.getElementById('pwd').value;

        var getEmail=localStorage.getItem('email')
        var getPwd=localStorage.getItem('password')
        if(enteremail==getEmail)
        {
            if(enterpassword==getPwd)
            {
                alert("login success");
                window.location= "/welcome" ;
                return false;

            }
            else
            {
                alert("wrong password");

            }
        }
    }
}

```

```

    }
    else
    {
        alert("invalid details");
    }
}

</script>
<body style="text-align: center;">
    <div class="main">
        <h1>Login Form</h1>
        <h3>Enter your login credentials</h3>
        <form >
            <label for="first">
                Email:
            </label>
            <input type="text" name="first" id="email"
                placeholder="Enter your Username" required>
            <br> <br>
            <label for="password">
                Password:
            </label>
            <input type="password" name="password" id="pwd"
                placeholder="Enter your Password" required>
            <br> <br>
            <button type="submit" onclick="return LoginValidate()">Submit</button>
            <br>
        </div>
    </form>
    <p>Not registered?
        <a href="/register"
            style="text-decoration: none;">
            Create an account
        </a>
    </p>
</div>
</body>
</html>

```

Index.html

[illegible]

-----To See Output.....

Commands at terminal

```
C:\Users\student\Downloads\Yamuna>node -v
```

```
C:\Users\student\Downloads\YamunaCMR>npm init -y
```

```
C:\Users\student\Downloads\YamunaCMR>npm install express
```

```
C:\Users\student\Downloads\YamunaCMR>node server.js
```

O/p..... Our express server is up on port 3000 (to come out (CTRL+C))

Goto webpage type

http://localhost:3000