External Practical Exam

Group B - Even - FSWD-Exam-2025-Task

Employee Management Module

Objective
Build a web application using the MERN Stack that allows admin to manage employees efficiently.

Features

- Login/Register User - only logged in user can perform all activities
- Frontend
- Create Employee(facilitate profile pic upload, types of employees)
- Employee List
- Delete/Edit Employee
- Desplay Employee Details - (pop up)
- Search Employee

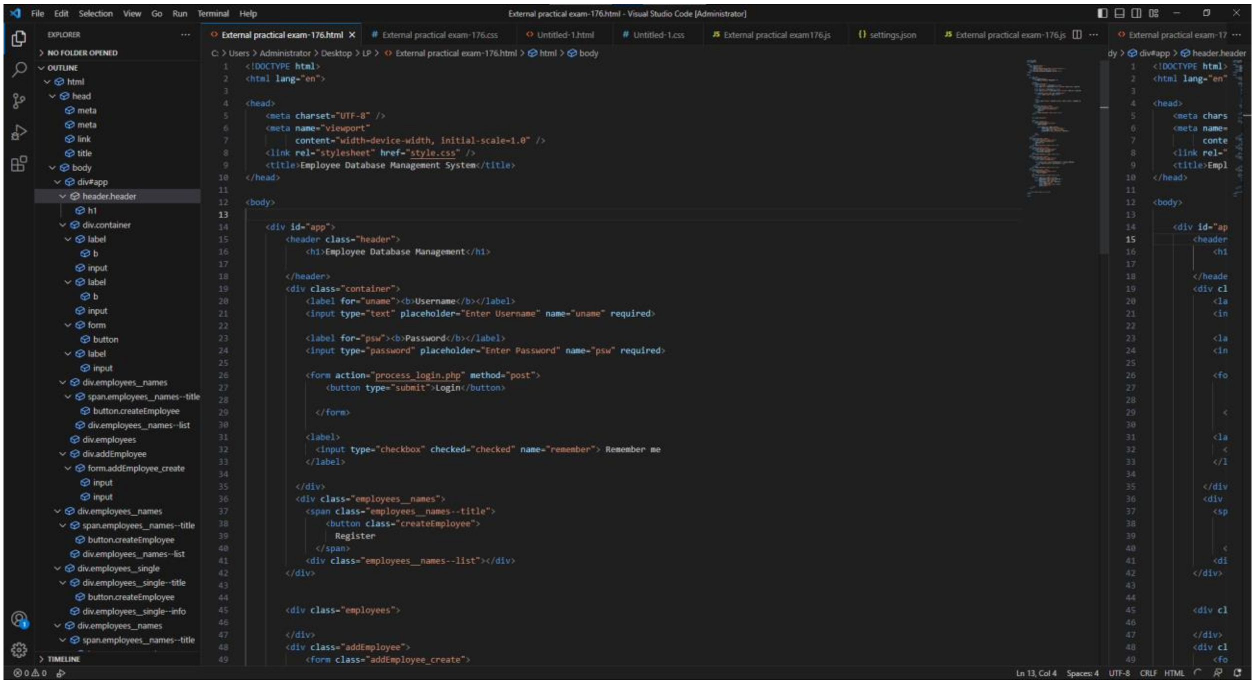
Backend (Develop RESTful APIs:)

- List all
- Add new Employee
- Delete an Employee
- Edit an Employee
- Display/Search Employee Details

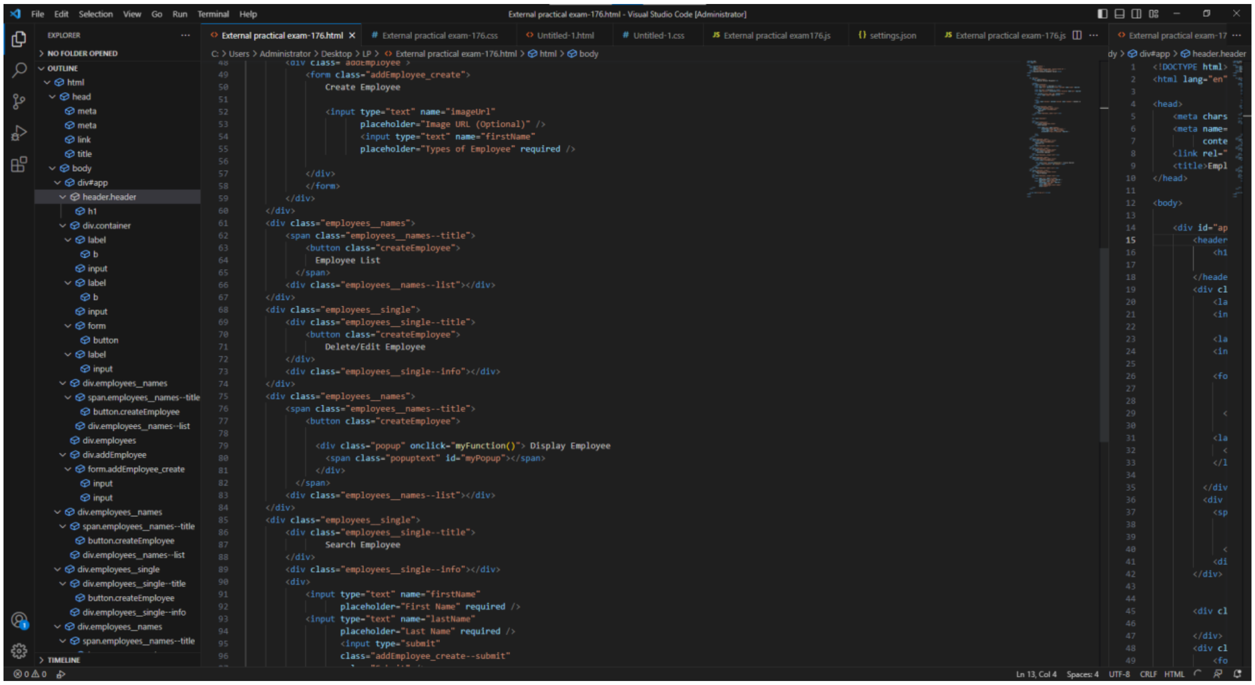
Create MongoDB Backend with name : EmpDB_<your_college_id>

Note:
upload screenshots , github public repo link and live url in <yourid>.pdf file

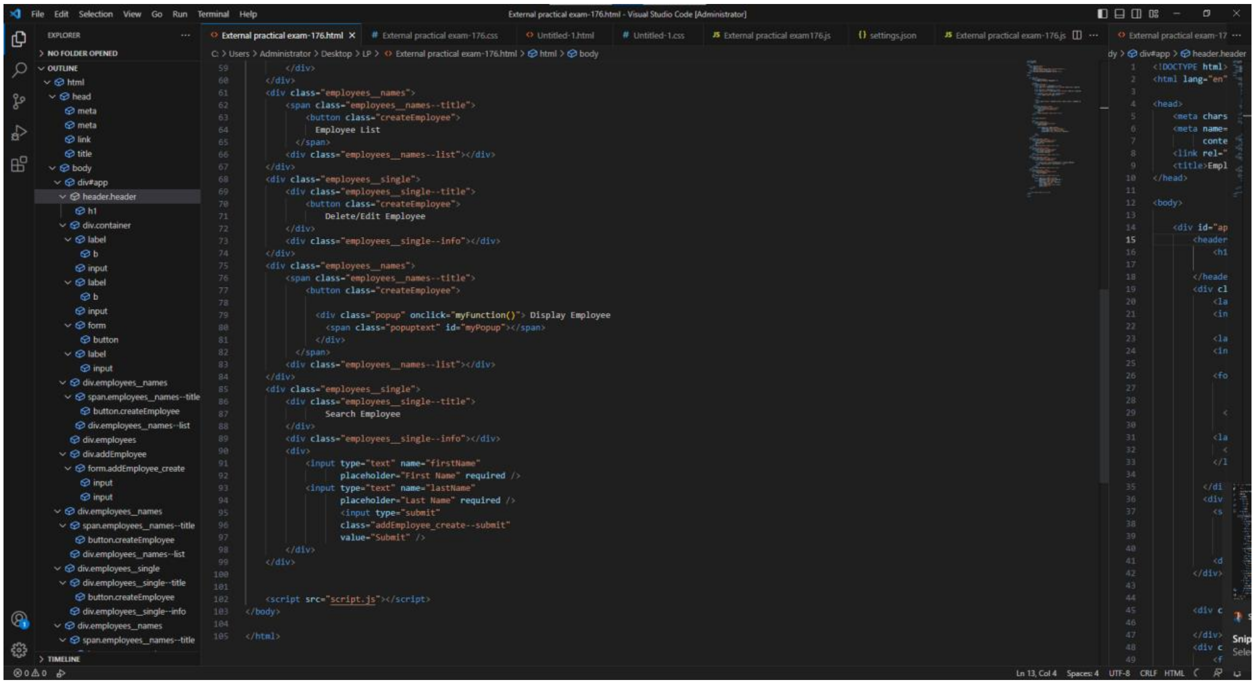
Code:-



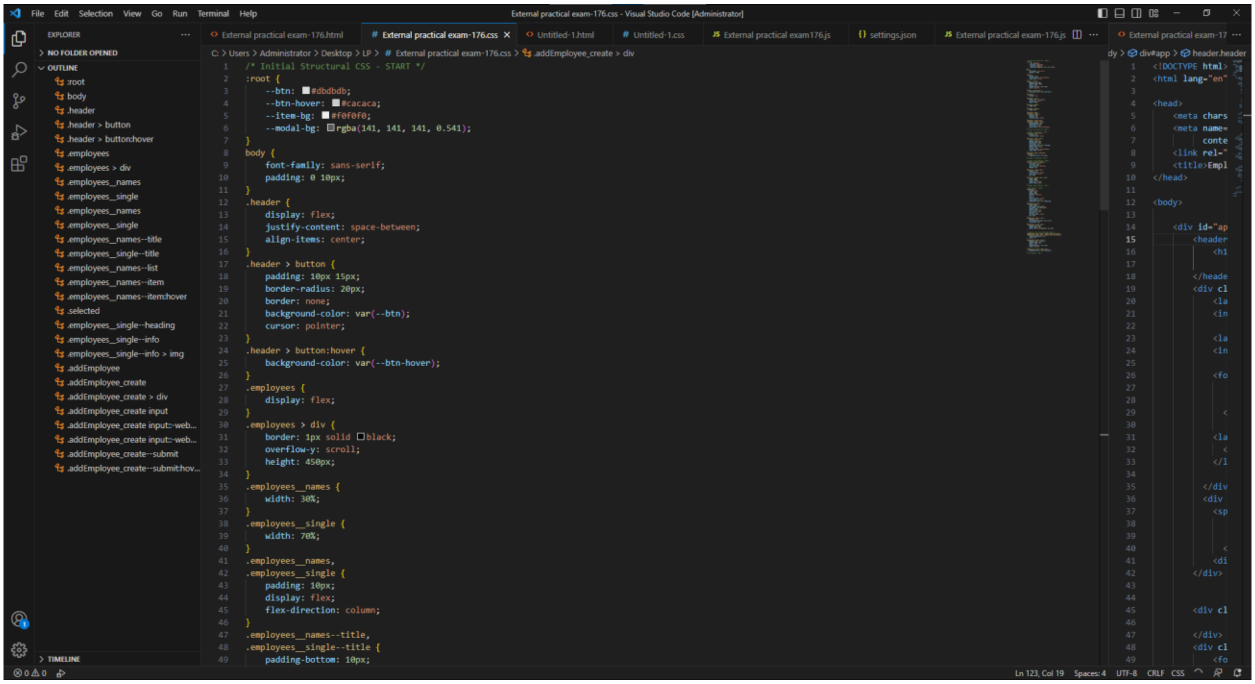
```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8" />
    <meta name="viewport"
          content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="style.css" />
    <title>Employee Database Management System</title>
</head>

<body>

    <div id="app">
        <header class="header">
            <h1>Employee Database Management</h1>

        </header>
        <div class="container">
            <label for="uname"><b>Username</b></label>
            <input type="text" placeholder="Enter Username" name="uname" required>

            <label for="psw"><b>Password</b></label>
            <input type="password" placeholder="Enter Password" name="psw" required>

            <form action="process_login.php" method="post">
                <button type="submit">Login</button>

              </form>

            <label>
              <input type="checkbox" checked="checked" name="remember"> Remember me
            </label>

          </div>
          <div class="employees__names">
            <span class="employees__names--title">
                <button class="createEmployee">
                  Register
              </span>
            <div class="employees__names--list"></div>
        </div>


        <div class="employees">

        </div>
        <div class="addEmployee">
            <form class="addEmployee_create">
```



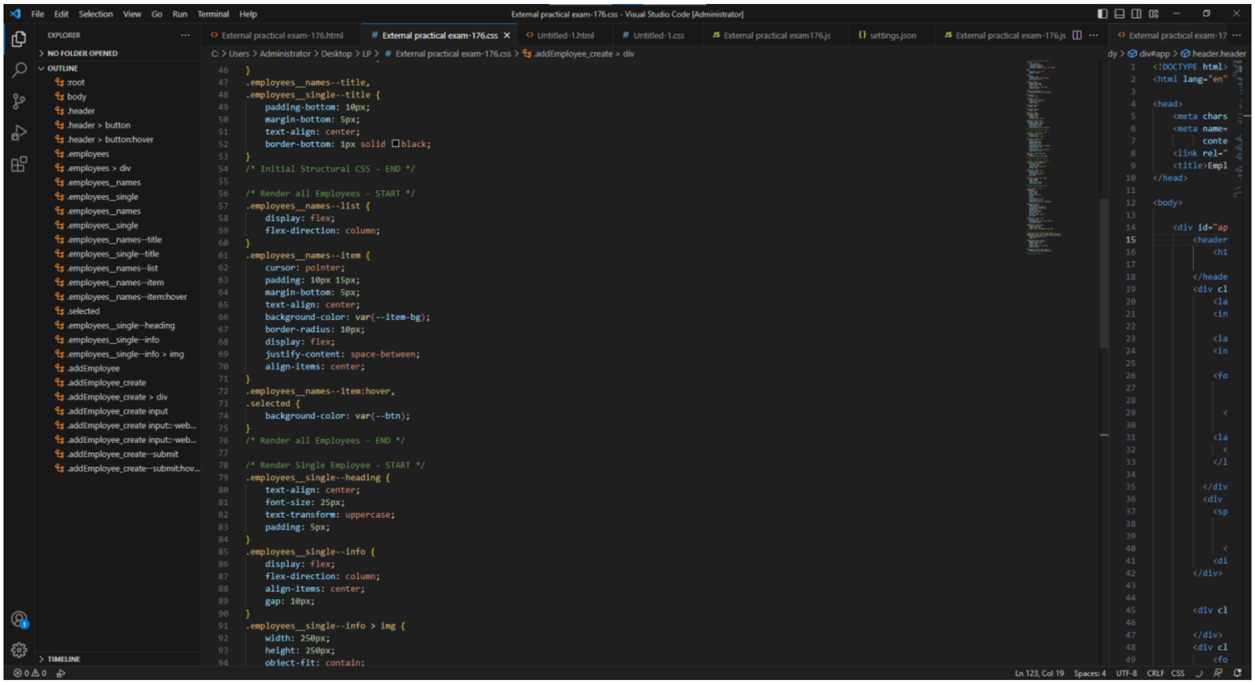
```html
            <form class="addEmployee_create">
                Create Employee

                <input type="text" name="imageUrl"
                       placeholder="Image URL (Optional)" />
                       <input type="text" name="firstName"
                       placeholder="Types of Employee" required />

            </div>
            </form>
        </div>
    </div>
    <div class="employees__names">
        <span class="employees__names--title">
            <button class="createEmployee">
              Employee List
          </span>
        <div class="employees__names--list"></div>
    </div>
    <div class="employees__single">
        <div class="employees__single--title">
            <button class="createEmployee">
                Delete/Edit Employee
        </div>
        <div class="employees__single--info"></div>
    </div>
    <div class="employees__names">
        <span class="employees__names--title">
            <button class="createEmployee">

              <div class="popup" onclick="myFunction()"> Display Employee
                <span class="popuptext" id="myPopup"></span>
              </div>
          </span>
        <div class="employees__names--list"></div>
    </div>
    <div class="employees__single">
        <div class="employees__single--title">
                Search Employee
        </div>
        <div class="employees__single--info"></div>
        <div>
            <input type="text" name="firstName"
                   placeholder="First Name" required />
            <input type="text" name="lastName"
                   placeholder="Last Name" required />
                   <input type="submit"
                   class="addEmployee_create--submit"
```


External practical exam-176.html - Visual Studio Code [Administrator]
External practical exam-176.html
External practical exam-176.css
Untitled-1.html
Untitled-1.css
External practical exam176.js
settings.json
External practical exam-176.js
C: > Users > Administrator > Desktop > LP > External practical exam-176.html > html > body
Ln 13, Col 4 Spaces: 4 UTF-8 CRLF HTML

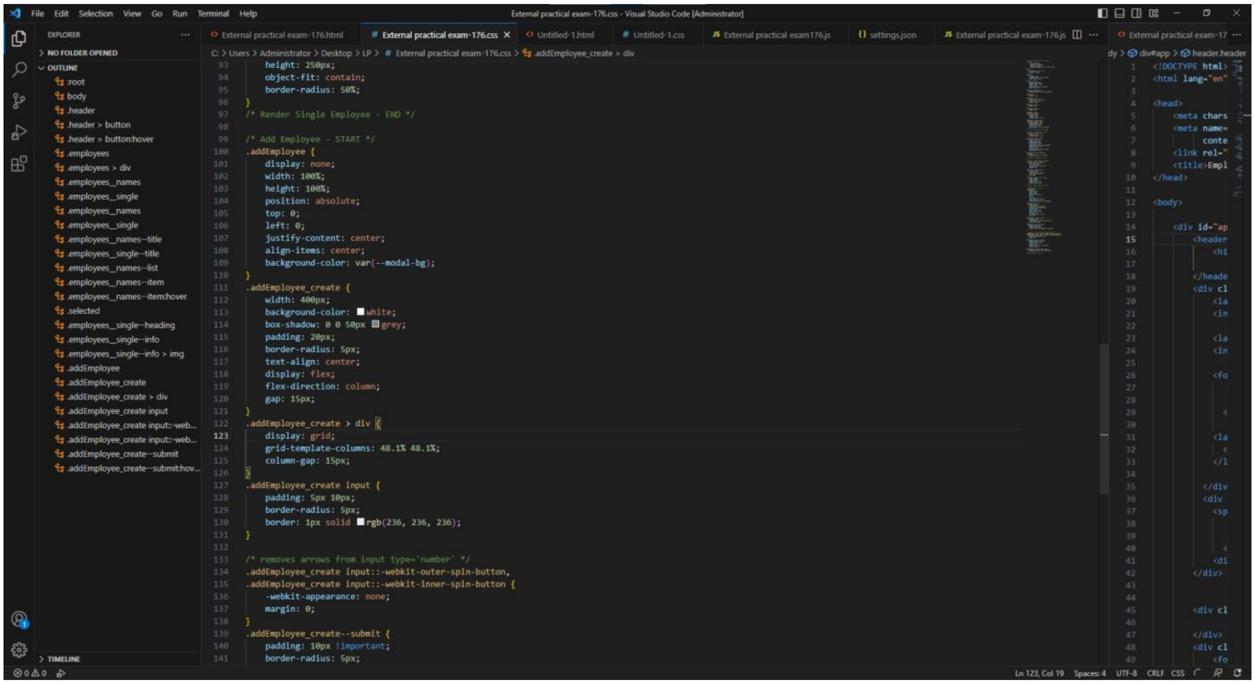
```html
            </div>
        </div>
        <div class="employees__names">
            <span class="employees__names--title">
                <button class="createEmployee">
                 Employee List
              </span>
            <div class="employees__names--list"></div>
        </div>
        <div class="employees__single">
            <div class="employees__single--title">
                <button class="createEmployee">
                    Delete/Edit Employee
            </div>
            <div class="employees__single--info"></div>
        </div>
        <div class="employees__names">
            <span class="employees__names--title">
                <button class="createEmployee">

                  <div class="popup" onclick="myFunction()"> Display Employee
                    <span class="popuptext" id="myPopup"></span>
                  </div>
              </span>
            <div class="employees__names--list"></div>
        </div>
        <div class="employees__single">
            <div class="employees__single--title">
                    Search Employee
            </div>
            <div class="employees__single--info"></div>
            <div>
                <input type="text" name="firstName"
                        placeholder="First Name" required />
                <input type="text" name="lastName"
                        placeholder="Last Name" required />
                        <input type="submit"
                        class="addEmployee_create--submit"
                        value="Submit" />
            </div>
        </div>


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

    </html>
```


External practical exam-176.css - Visual Studio Code [Administrator]
External practical exam-176.html
External practical exam-176.css
Untitled-1.html
Untitled-1.css
External practical exam176.js
settings.json
External practical exam-176.js
C: > Users > Administrator > Desktop > LP > External practical exam-176.css > .addEmployee_create > div
Ln 123, Col 19 Spaces: 4 UTF-8 CRLF CSS

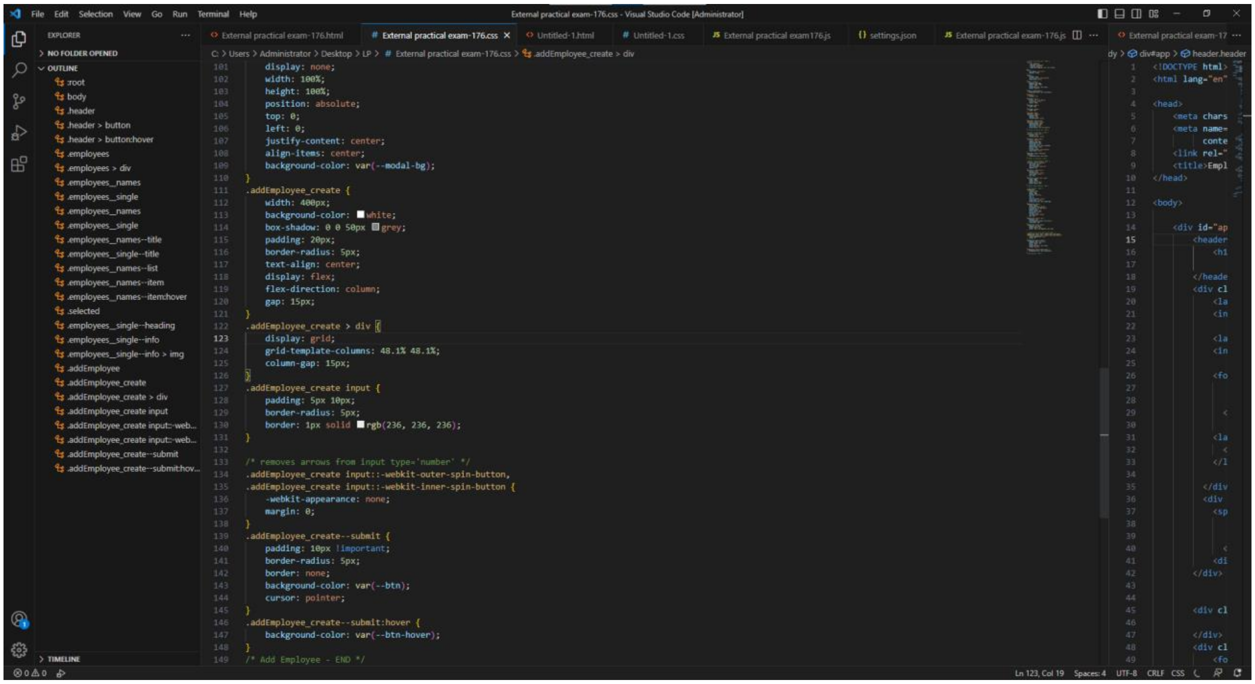
```css
/* Initial Structural CSS - START */
:root {
    --btn: #dbdbdb;
    --btn-hover: #cacaca;
    --item-bg: #f0f0f0;
    --modal-bg: rgba(141, 141, 141, 0.541);
}
body {
    font-family: sans-serif;
    padding: 0 10px;
}
.header {
    display: flex;
    justify-content: space-between;
    align-items: center;
}
.header > button {
    padding: 10px 15px;
    border-radius: 20px;
    border: none;
    background-color: var(--btn);
    cursor: pointer;
}
.header > button:hover {
    background-color: var(--btn-hover);
}
.employees {
    display: flex;
}
.employees > div {
    border: 1px solid black;
    overflow-y: scroll;
    height: 450px;
}
.employees__names {
    width: 30%;
}
.employees__single {
    width: 70%;
}
.employees__names,
.employees__single {
    padding: 10px;
    display: flex;
    flex-direction: column;
}
.employees__names--title,
.employees__single--title {
    padding-bottom: 10px;
```


External practical exam-176.css - Visual Studio Code [Administrator]
External practical exam-176.html
External practical exam-176.css
C: > Users > Administrator > Desktop > LP > External practical exam-176.css > .addEmployee_create > div

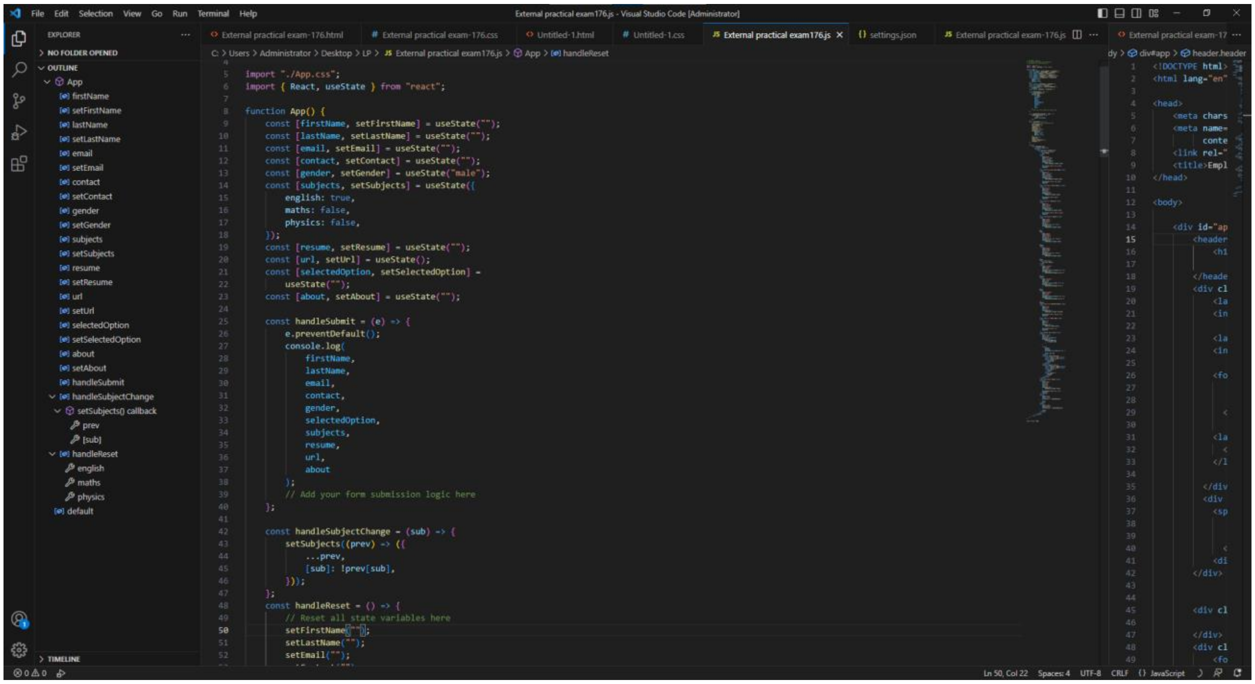
```css
}
.employees__names--title,
.employees__single--title {
    padding-bottom: 10px;
    margin-bottom: 5px;
    text-align: center;
    border-bottom: 1px solid black;
}
/* Initial Structural CSS - END */

/* Render all Employees - START */
.employees__names--list {
    display: flex;
    flex-direction: column;
}
.employees__names--item {
    cursor: pointer;
    padding: 10px 15px;
    margin-bottom: 5px;
    text-align: center;
    background-color: var(--item-bg);
    border-radius: 10px;
    display: flex;
    justify-content: space-between;
    align-items: center;
}
.employees__names--item:hover,
.selected {
    background-color: var(--btn);
}
/* Render all Employees - END */

/* Render Single Employee - START */
.employees__single--heading {
    text-align: center;
    font-size: 25px;
    text-transform: uppercase;
    padding: 5px;
}
.employees__single--info {
    display: flex;
    flex-direction: column;
    align-items: center;
    gap: 10px;
}
.employees__single--info > img {
    width: 250px;
    height: 250px;
    object-fit: contain:
```


External practical exam-176.css - Visual Studio Code [Administrator]
External practical exam-176.html
External practical exam-176.css
C: > Users > Administrator > Desktop > LP > External practical exam-176.css > .addEmployee_create > div

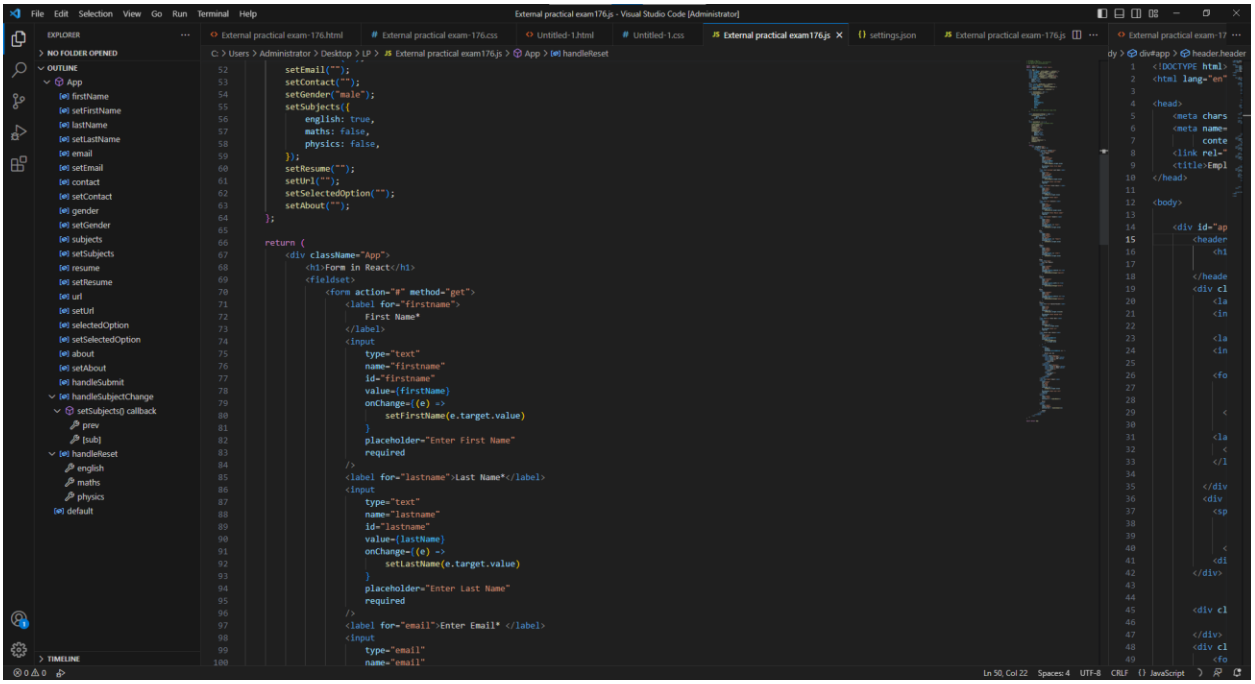
```css
    height: 250px;
    object-fit: contain;
    border-radius: 50%;
}
/* Render Single Employee - END */

/* Add Employee - START */
.addEmployee {
    display: none;
    width: 100%;
    height: 100%;
    position: absolute;
    top: 0;
    left: 0;
    justify-content: center;
    align-items: center;
    background-color: var(--modal-bg);
}
.addEmployee_create {
    width: 400px;
    background-color: white;
    box-shadow: 0 0 50px grey;
    padding: 20px;
    border-radius: 5px;
    text-align: center;
    display: flex;
    flex-direction: column;
    gap: 15px;
}
.addEmployee_create > div {
    display: grid;
    grid-template-columns: 48.1% 48.1%;
    column-gap: 15px;
}
.addEmployee_create input {
    padding: 5px 10px;
    border-radius: 5px;
    border: 1px solid rgb(236, 236, 236);
}

/* removes arrows from input type='number' */
.addEmployee_create input::-webkit-outer-spin-button,
.addEmployee_create input::-webkit-inner-spin-button {
    -webkit-appearance: none;
    margin: 0;
}
.addEmployee_create--submit {
    padding: 10px !important;
    border-radius: 5px;
```


External practical exam-176.css - Visual Studio Code [Administrator]
C: > Users > Administrator > Desktop > LP > # External practical exam-176.css > .addEmployee_create > div

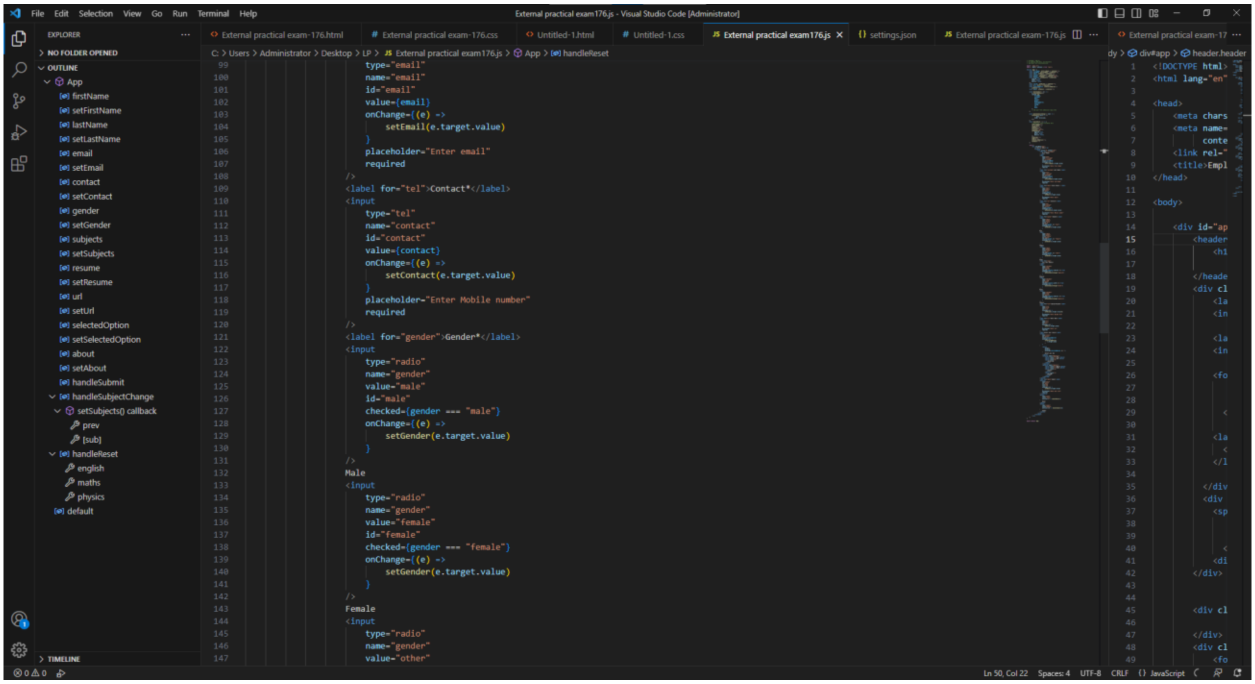
```css
    display: none;
    width: 100%;
    height: 100%;
    position: absolute;
    top: 0;
    left: 0;
    justify-content: center;
    align-items: center;
    background-color: var(--modal-bg);
}
.addEmployee_create {
    width: 400px;
    background-color: white;
    box-shadow: 0 0 50px grey;
    padding: 20px;
    border-radius: 5px;
    text-align: center;
    display: flex;
    flex-direction: column;
    gap: 15px;
}
.addEmployee_create > div {
    display: grid;
    grid-template-columns: 48.1% 48.1%;
    column-gap: 15px;
}
.addEmployee_create input {
    padding: 5px 10px;
    border-radius: 5px;
    border: 1px solid rgb(236, 236, 236);
}

/* removes arrows from input type='number' */
.addEmployee_create input::-webkit-outer-spin-button,
.addEmployee_create input::-webkit-inner-spin-button {
    -webkit-appearance: none;
    margin: 0;
}
.addEmployee_create--submit {
    padding: 10px !important;
    border-radius: 5px;
    border: none;
    background-color: var(--btn);
    cursor: pointer;
}
.addEmployee_create--submit:hover {
    background-color: var(--btn-hover);
}
/* Add Employee - END */
```


External practical exam176.js - Visual Studio Code [Administrator]
C: > Users > Administrator > Desktop > LP > JS External practical exam176.js > App > handleReset

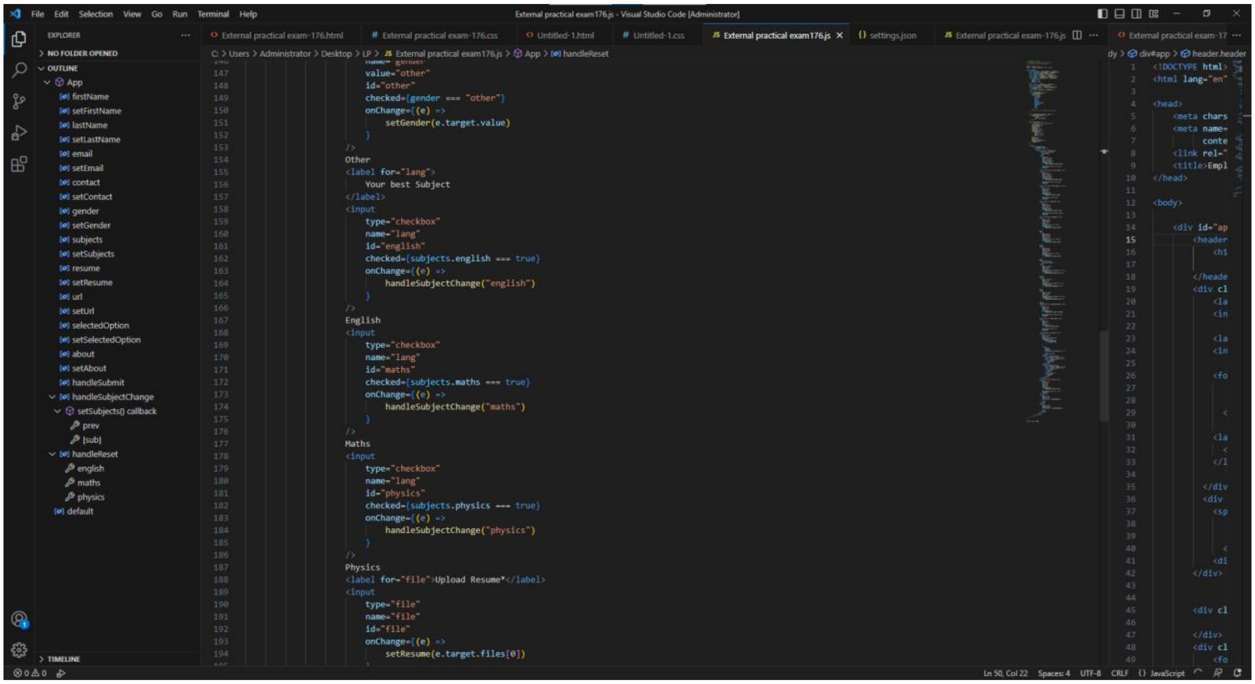
```javascript
import "./App.css";
import { React, useState } from "react";

function App() {
    const [firstName, setFirstName] = useState("");
    const [lastName, setLastName] = useState("");
    const [email, setEmail] = useState("");
    const [contact, setContact] = useState("");
    const [gender, setGender] = useState("male");
    const [subjects, setSubjects] = useState({
        english: true,
        maths: false,
        physics: false,
    });
    const [resume, setResume] = useState("");
    const [url, setUrl] = useState();
    const [selectedOption, setSelectedOption] =
        useState("");
    const [about, setAbout] = useState("");

    const handleSubmit = (e) => {
        e.preventDefault();
        console.log(
            firstName,
            lastName,
            email,
            contact,
            gender,
            selectedOption,
            subjects,
            resume,
            url,
            about
        );
        // Add your form submission logic here
    };

    const handleSubjectChange = (sub) => {
        setSubjects((prev) => ({
            ...prev,
            [sub]: !prev[sub],
        }));
    };
    const handleReset = () => {
        // Reset all state variables here
        setFirstName("");
        setLastName("");
        setEmail("");
```


External practical exam176.js - Visual Studio Code [Administrator]
C: > Users > Administrator > Desktop > LP > External practical exam176.js > App > handleReset

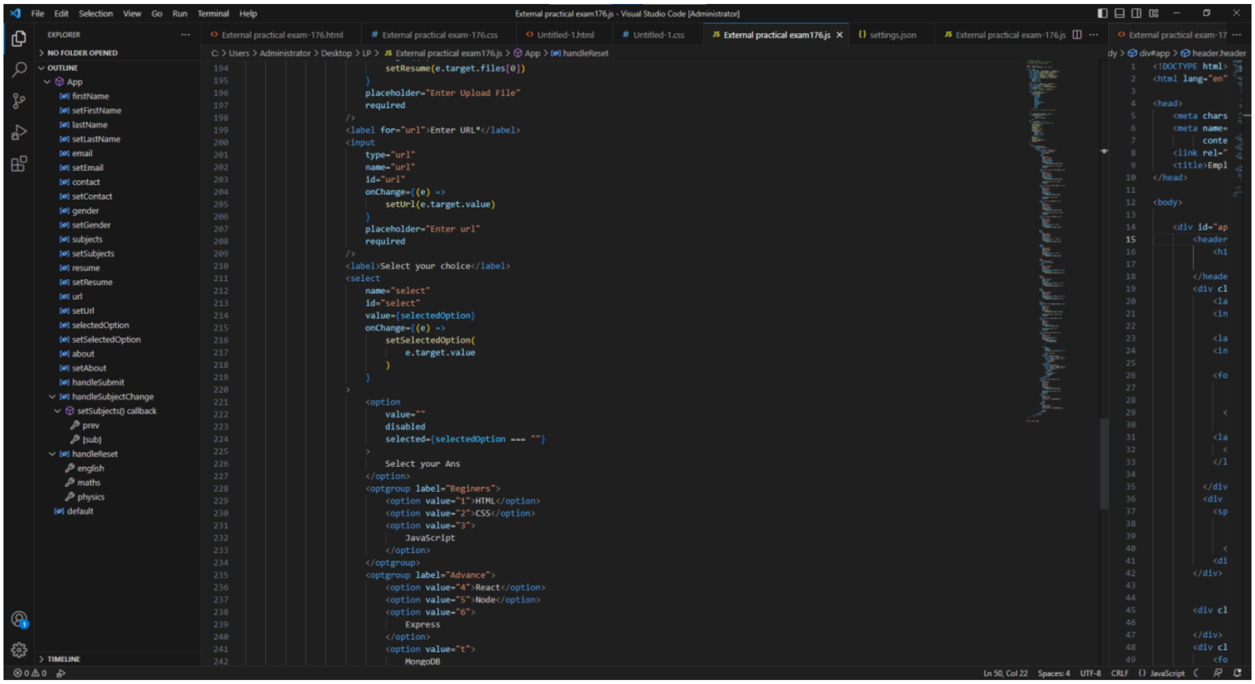
```
        setEmail("");
        setContact("");
        setGender("male");
        setSubjects({
            english: true,
            maths: false,
            physics: false,
        });
        setResume("");
        setUrl("");
        setSelectedOption("");
        setAbout("");
    };

    return (
        <div className="App">
            <h1>Form in React</h1>
            <fieldset>
                <form action="#" method="get">
                    <label for="firstname">
                        First Name*
                    </label>
                    <input
                        type="text"
                        name="firstname"
                        id="firstname"
                        value={firstName}
                        onChange={(e) =>
                            setFirstName(e.target.value)
                        }
                        placeholder="Enter First Name"
                        required
                    />
                    <label for="lastname">Last Name*</label>
                    <input
                        type="text"
                        name="lastname"
                        id="lastname"
                        value={lastName}
                        onChange={(e) =>
                            setLastName(e.target.value)
                        }
                        placeholder="Enter Last Name"
                        required
                    />
                    <label for="email">Enter Email* </label>
                    <input
                        type="email"
                        name="email"
```


External practical exam176.js - Visual Studio Code [Administrator]
C: > Users > Administrator > Desktop > LP > External practical exam176.js > App > handleReset

```
                        type="email"
                        name="email"
                        id="email"
                        value={email}
                        onChange={(e) =>
                            setEmail(e.target.value)
                        }
                        placeholder="Enter email"
                        required
                    />
                    <label for="tel">Contact*</label>
                    <input
                        type="tel"
                        name="contact"
                        id="contact"
                        value={contact}
                        onChange={(e) =>
                            setContact(e.target.value)
                        }
                        placeholder="Enter Mobile number"
                        required
                    />
                    <label for="gender">Gender*</label>
                    <input
                        type="radio"
                        name="gender"
                        value="male"
                        id="male"
                        checked={gender === "male"}
                        onChange={(e) =>
                            setGender(e.target.value)
                        }
                    />
                    Male
                    <input
                        type="radio"
                        name="gender"
                        value="female"
                        id="female"
                        checked={gender === "female"}
                        onChange={(e) =>
                            setGender(e.target.value)
                        }
                    />
                    Female
                    <input
                        type="radio"
                        name="gender"
                        value="other"
```


File Edit Selection View Go Run Terminal Help
External practical exam176.js - Visual Studio Code [Administrator]
EXPLORER
NO FOLDER OPENED
OUTLINE
App
firstName
setFirstName
lastName
setLastName
email
setEmail
contact
setContact
gender
setGender
subjects
setSubjects
resume
setResume
url
setUrl
selectedOption
setSelectedOption
about
setAbout
handleSubmit
handleSubjectChange
setSubjects() callback
prev
[sub]
handleReset
english
maths
physics
default
TIMELINE
External practical exam-176.html
External practical exam-176.css
Untitled-1.html
Untitled-1.css
External practical exam176.js
settings.json
External practical exam-176.js
C: > Users > Administrator > Desktop > LP > External practical exam176.js > App > handleReset
Ln 50, Col 22 Spaces: 4 UTF-8 CRLF JavaScript

```
    value="other"
    id="other"
    checked={gender === "other"}
    onChange={(e) =>
        setGender(e.target.value)
    }
/>
Other
<label for="lang">
    Your best Subject
</label>
<input
    type="checkbox"
    name="lang"
    id="english"
    checked={subjects.english === true}
    onChange={(e) =>
        handleSubjectChange("english")
    }
/>
English
<input
    type="checkbox"
    name="lang"
    id="maths"
    checked={subjects.maths === true}
    onChange={(e) =>
        handleSubjectChange("maths")
    }
/>
Maths
<input
    type="checkbox"
    name="lang"
    id="physics"
    checked={subjects.physics === true}
    onChange={(e) =>
        handleSubjectChange("physics")
    }
/>
Physics
<label for="file">Upload Resume*</label>
<input
    type="file"
    name="file"
    id="file"
    onChange={(e) =>
        setResume(e.target.files[0])
```


File Edit Selection View Go Run Terminal Help
External practical exam176.js - Visual Studio Code [Administrator]
EXPLORER
NO FOLDER OPENED
OUTLINE
App
firstName
setFirstName
lastName
setLastName
email
setEmail
contact
setContact
gender
setGender
subjects
setSubjects
resume
setResume
url
setUrl
selectedOption
setSelectedOption
about
setAbout
handleSubmit
handleSubjectChange
setSubjects() callback
prev
[sub]
handleReset
english
maths
physics
default
TIMELINE
External practical exam-176.html
External practical exam-176.css
Untitled-1.html
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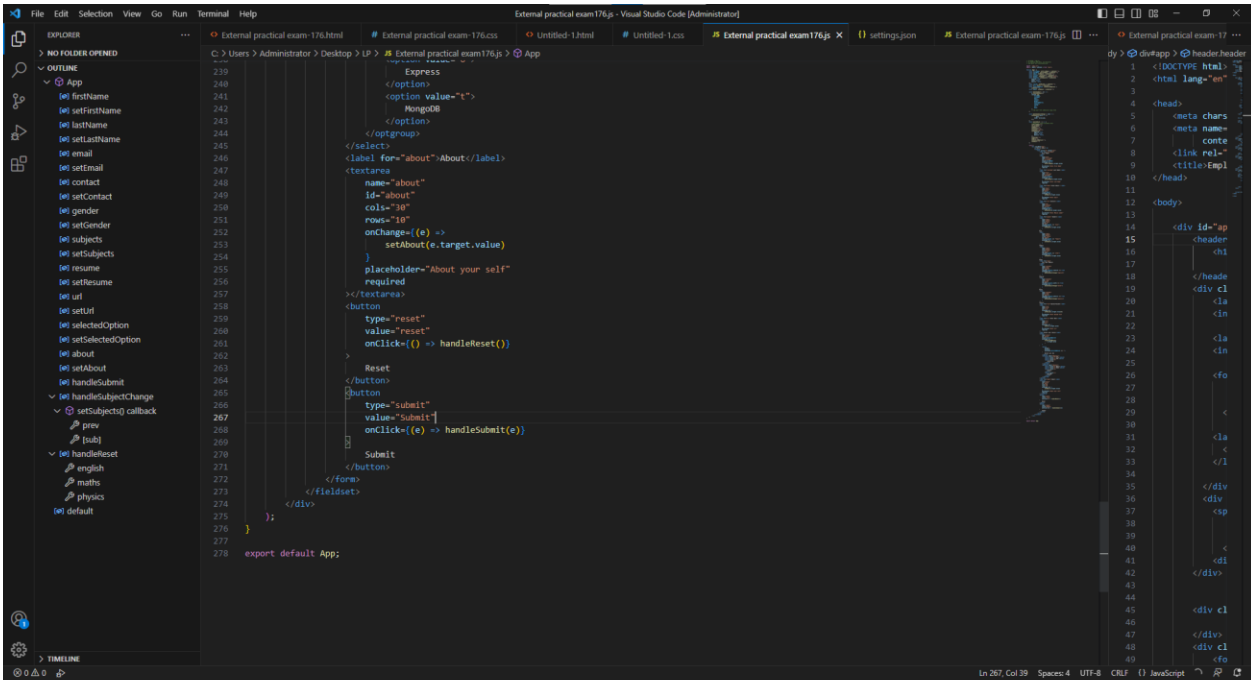
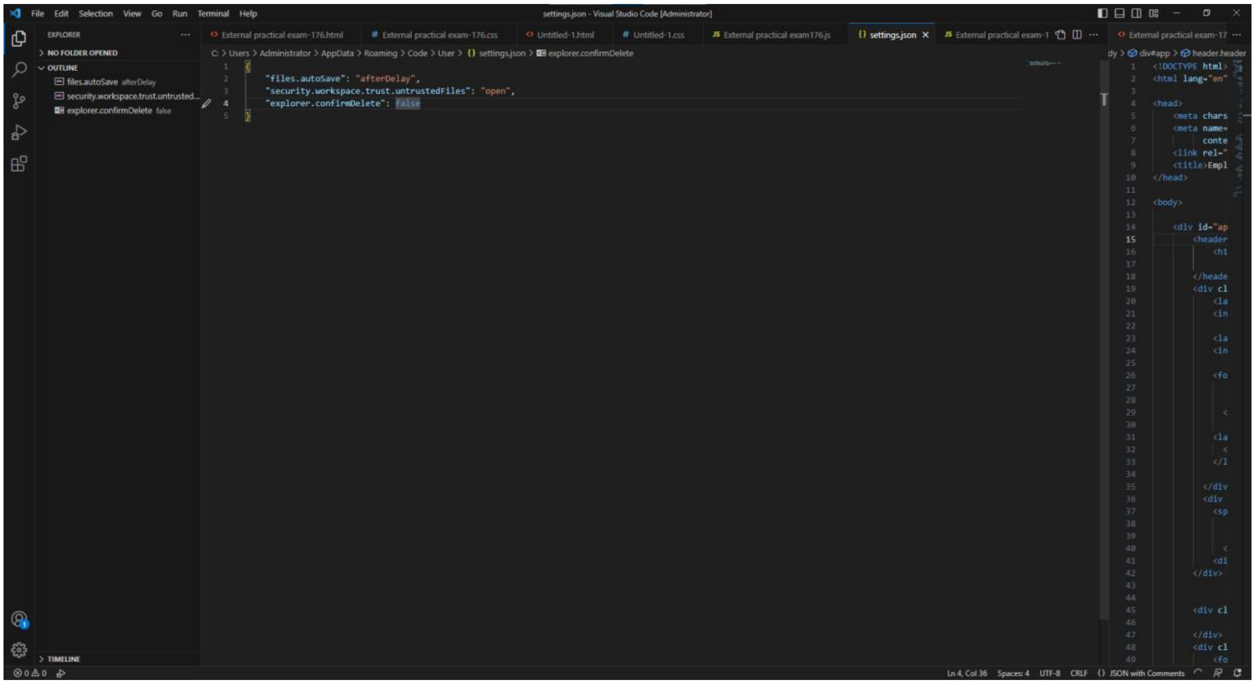
External practical exam176.js
settings.json
External practical exam-176.js
C: > Users > Administrator > Desktop > LP > External practical exam176.js > App > handleReset
Ln 50, Col 22 Spaces: 4 UTF-8 CRLF JavaScript

```
        setResume(e.target.files[0])
    }
    placeholder="Enter Upload File"
    required
/>
<label for="url">Enter URL*</label>
<input
    type="url"
    name="url"
    id="url"
    onChange={(e) =>
        setUrl(e.target.value)
    }
    placeholder="Enter url"
    required
/>
<label>Select your choice</label>
<select
    name="select"
    id="select"
    value={selectedOption}
    onChange={(e) =>
        setSelectedOption(
            e.target.value
        )
    }
>
    <option
        value=""
        disabled
        selected={selectedOption === ""}
    >
        Select your Ans
    </option>
    <optgroup label="Beginers">
        <option value="1">HTML</option>
        <option value="2">CSS</option>
        <option value="3">
            JavaScript
        </option>
    </optgroup>
    <optgroup label="Advance">
        <option value="4">React</option>
        <option value="5">Node</option>
        <option value="6">
            Express
        </option>
        <option value="t">
            MongoDB
```


External practical exam176.js - Visual Studio Code [Administrator]
C: > Users > Administrator > Desktop > LP > External practical exam176.js > App

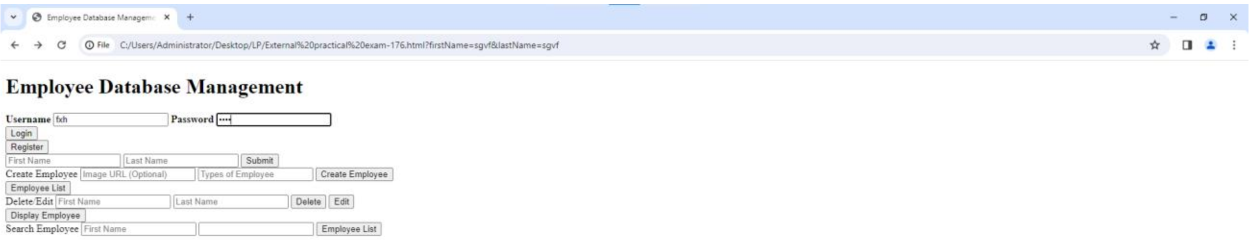
```
                                Express
                            </option>
                            <option value="t">
                                MongoDB
                            </option>
                        </optgroup>
                    </select>
                    <label for="about">About</label>
                    <textarea
                        name="about"
                        id="about"
                        cols="30"
                        rows="10"
                        onChange={(e) =>
                            setAbout(e.target.value)
                        }
                        placeholder="About your self"
                        required
                    ></textarea>
                    <button
                        type="reset"
                        value="reset"
                        onClick={() => handleReset()}
                    >
                        Reset
                    </button>
                    <button
                        type="submit"
                        value="Submit"
                        onClick={(e) => handleSubmit(e)}
                    >
                        Submit
                    </button>
                </form>
            </fieldset>
        </div>
    );
}

export default App;
```


settings.json - Visual Studio Code [Administrator]
C: > Users > Administrator > AppData > Roaming > Code > User > settings.json > explorer.confirmDelete

```
{
    "files.autoSave": "afterDelay",
    "security.workspace.trust.untrustedFiles": "open",
    "explorer.confirmDelete": false
}
```

Output:-



C:/Users/Administrator/Desktop/LP/External%20practical%20exam-176.html?firstName=sgvf&lastName=sgvf

Employee Database Management

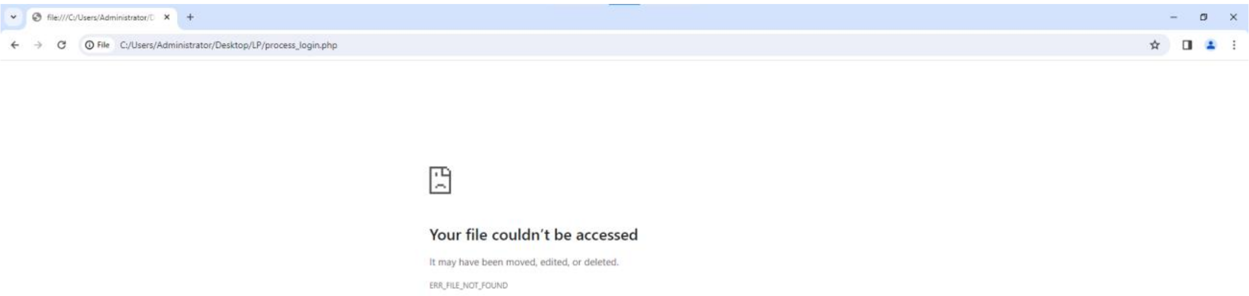
Username fxh **Password** ••••

Create Employee

Delete/Edit

Search Employee

On Login



C:/Users/Administrator/Desktop/LP/process_login.php

Your file couldn't be accessed

It may have been moved, edited, or deleted.

ERR_FILE_NOT_FOUND