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APT1030B

Assignment

20/05/2024

Procedural Programming

Html


```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Programming Paradigms</title>
    <link rel="stylesheet" href="app.css">
</head>
<body>
    <form id="user-input">
        <div class="form-control">
            <label for="username">Username</label>
            <input type="text" id="username" />
        </div>
        <div class="form-control">
            <label for="password">Password</label>
            <input type="password" id="password">
        </div>
        <button type="submit">Create User</button>
    </form>

    <sript src="procedural.js"></script>
</body>
</html>
```
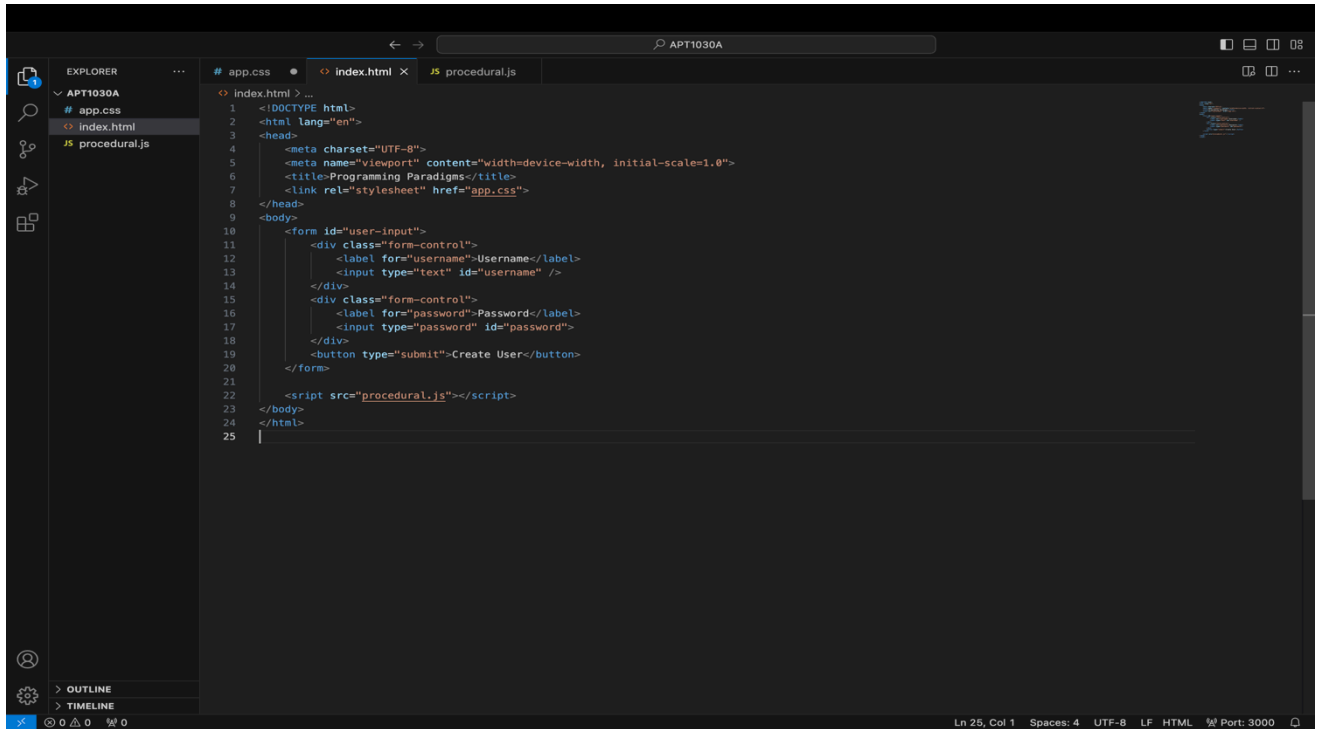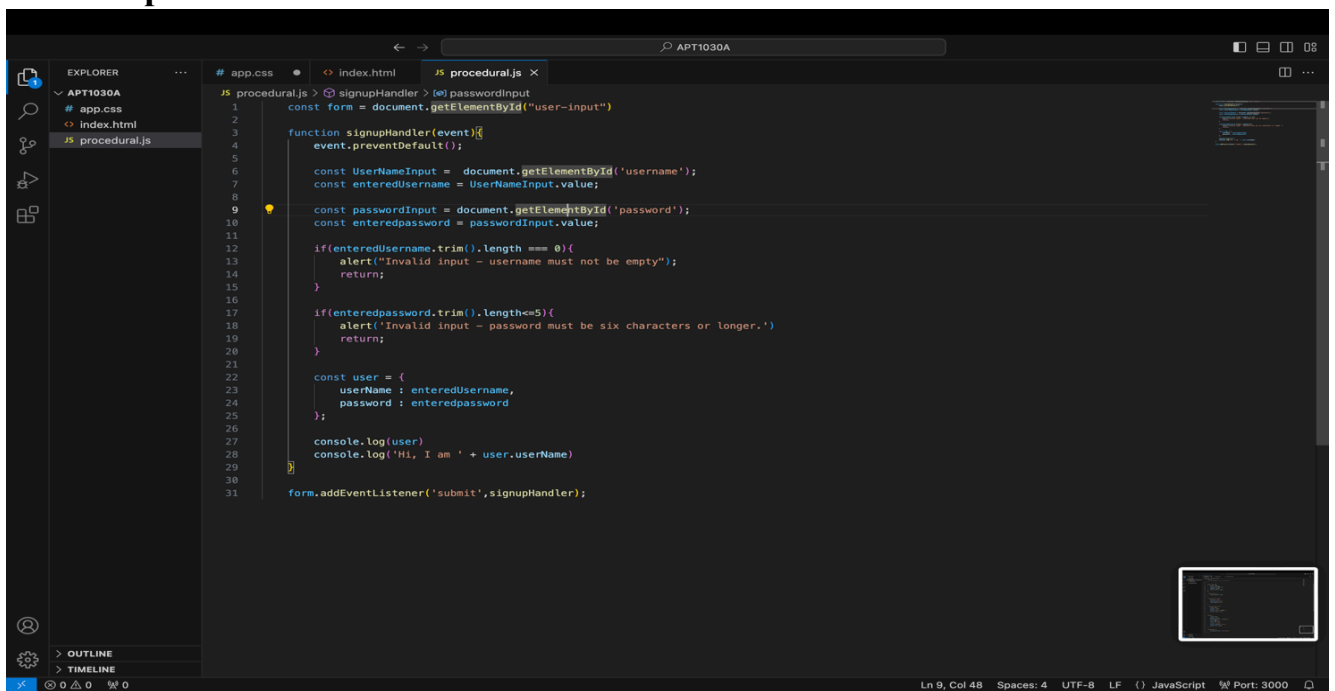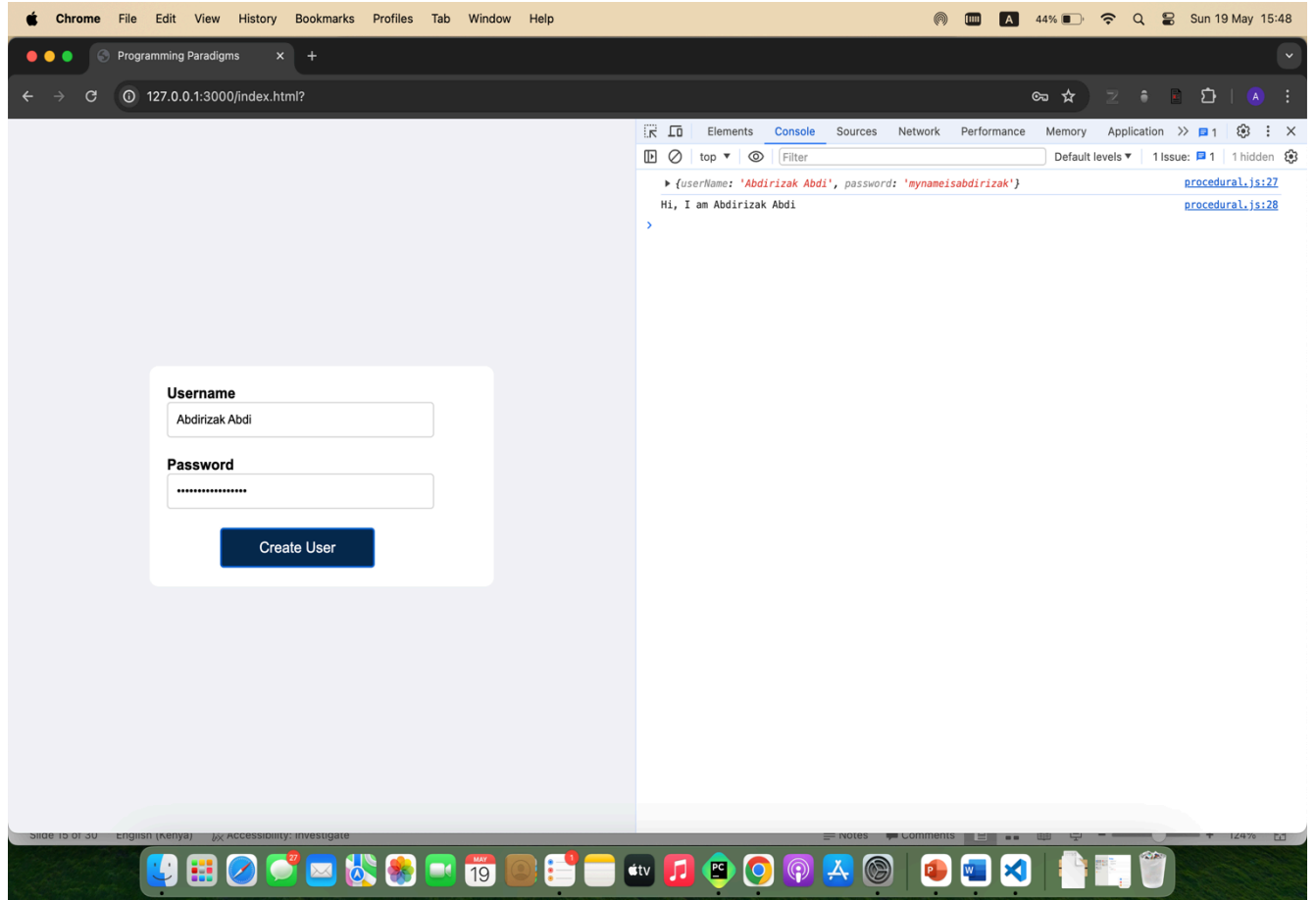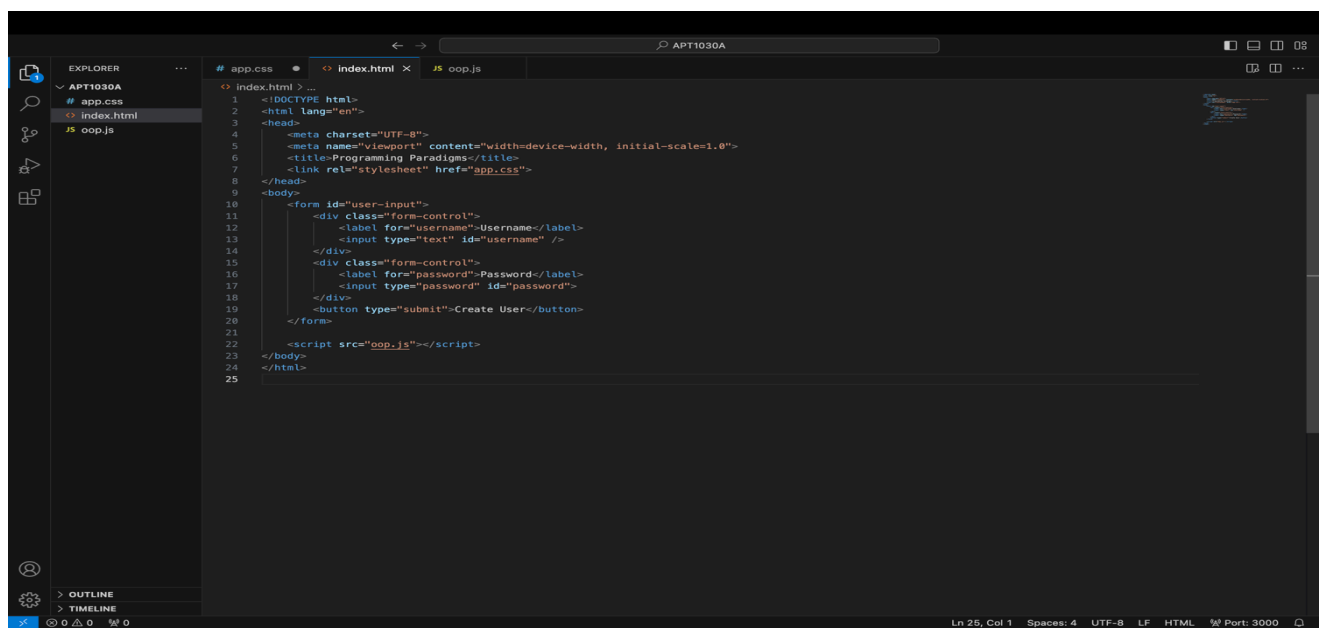
Java script


```javascript
const form = document.getElementById("user-input")

function signupHandler(event){
    event.preventDefault();

    const UserNameInput =  document.getElementById('username');
    const enteredUsername = UserNameInput.value;

    const passwordInput = document.getElementById('password');
    const enteredpassword = passwordInput.value;

    if(enteredUsername.trim().length === 0){
        alert("Invalid input - username must not be empty");
        return;
    }

    if(enteredpassword.trim().length<=5){
        alert('Invalid input - password must be six characters or longer.')
        return;
    }

    const user = {
        userName : enteredUsername,
        password : enteredpassword
    };

    console.log(user)
    console.log('Hi, I am ' + user.userName)
}

form.addEventListener('submit',signupHandler);
```
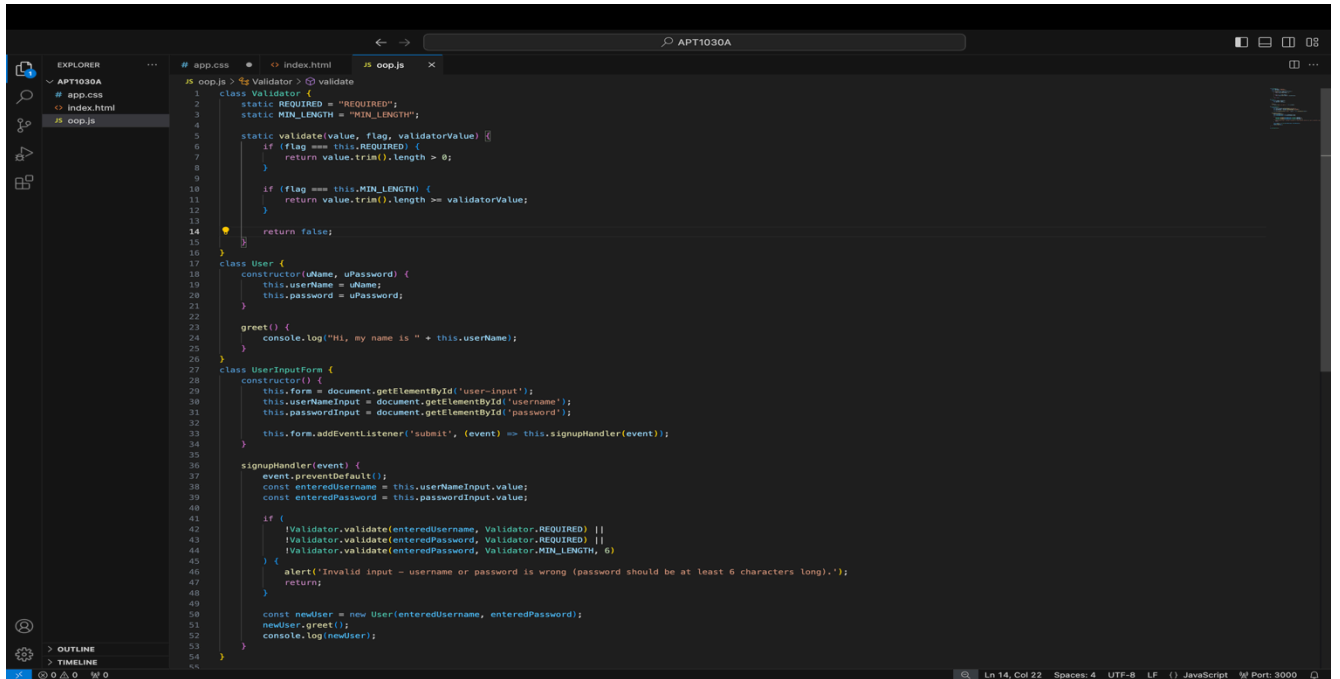
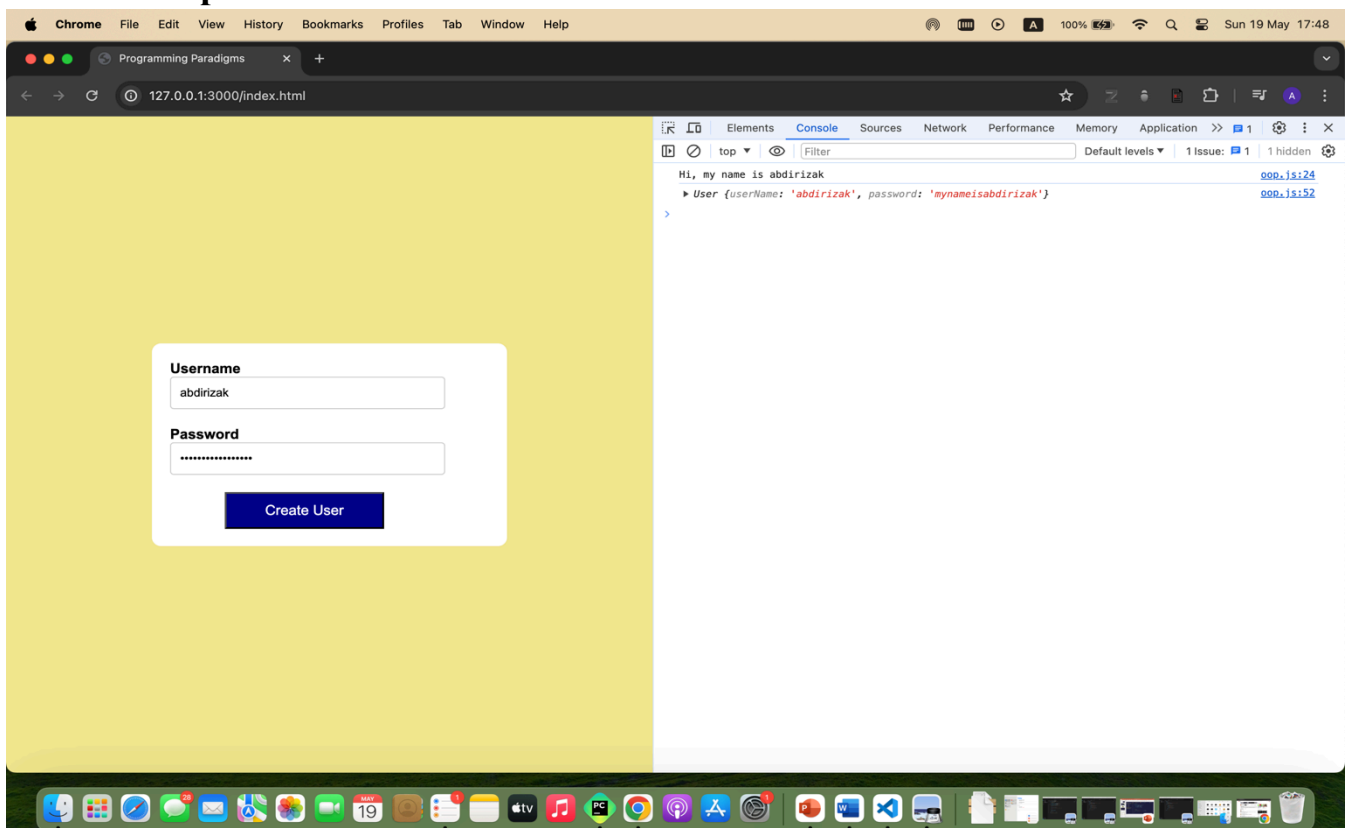# Console Output
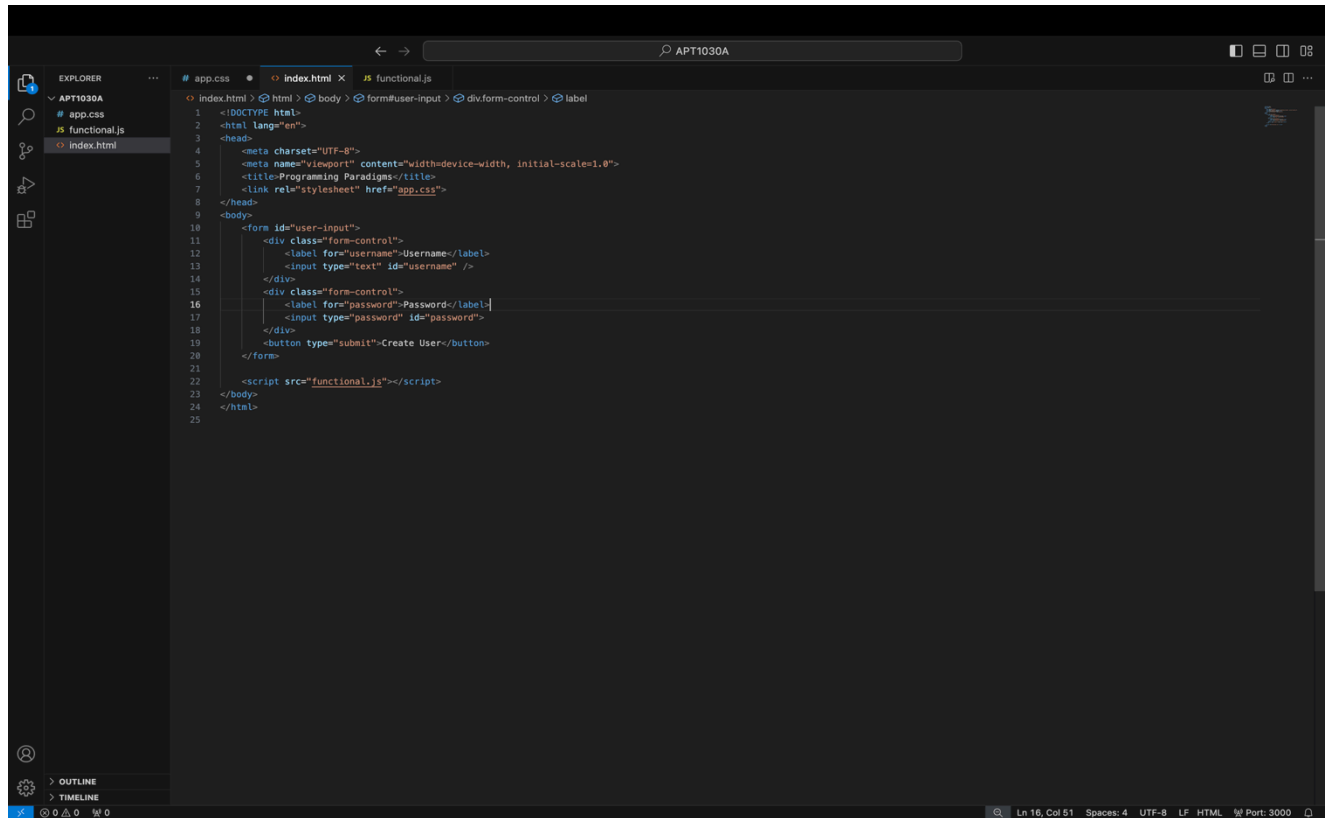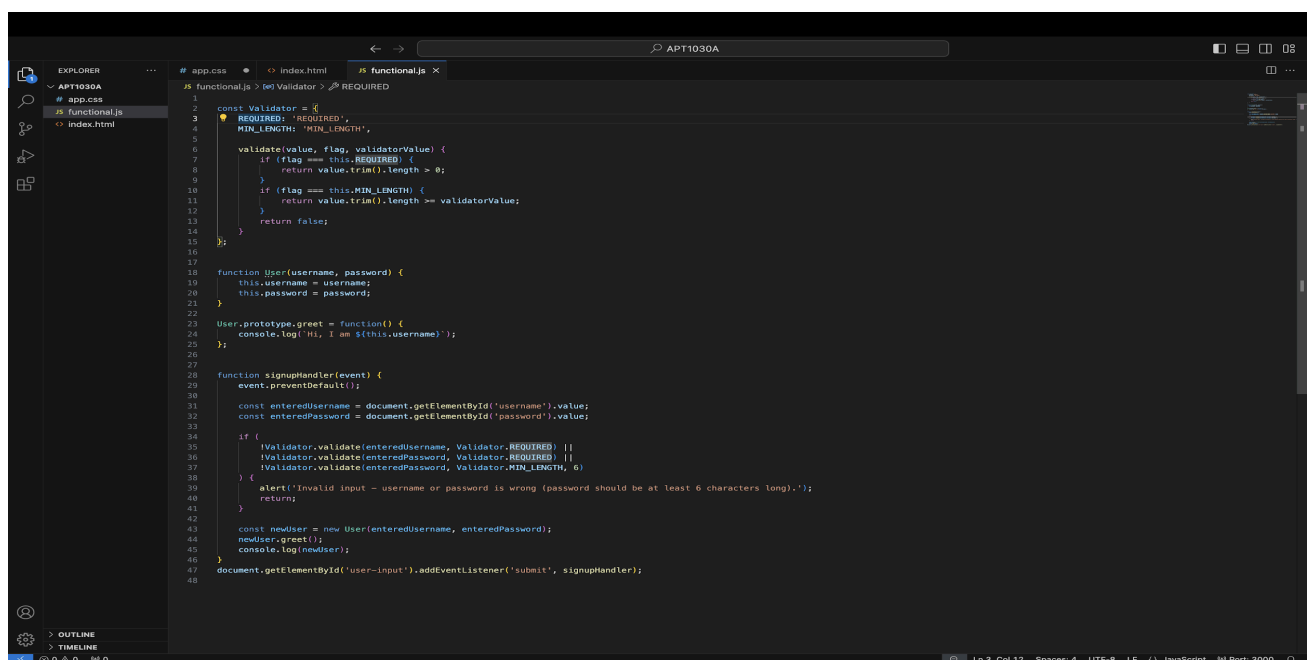

Object oriented programming

Html

Java script

Console Output

Functional programming
Html

Java script

Console output