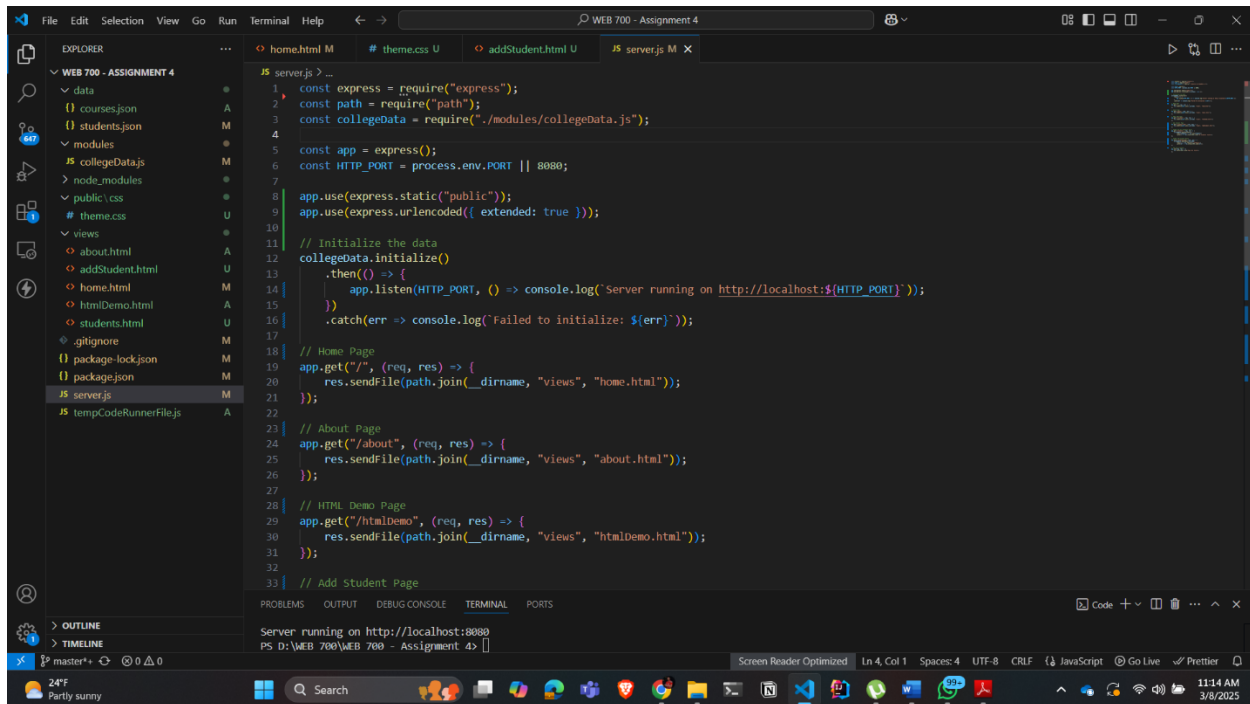


WEB700 Assignment 4

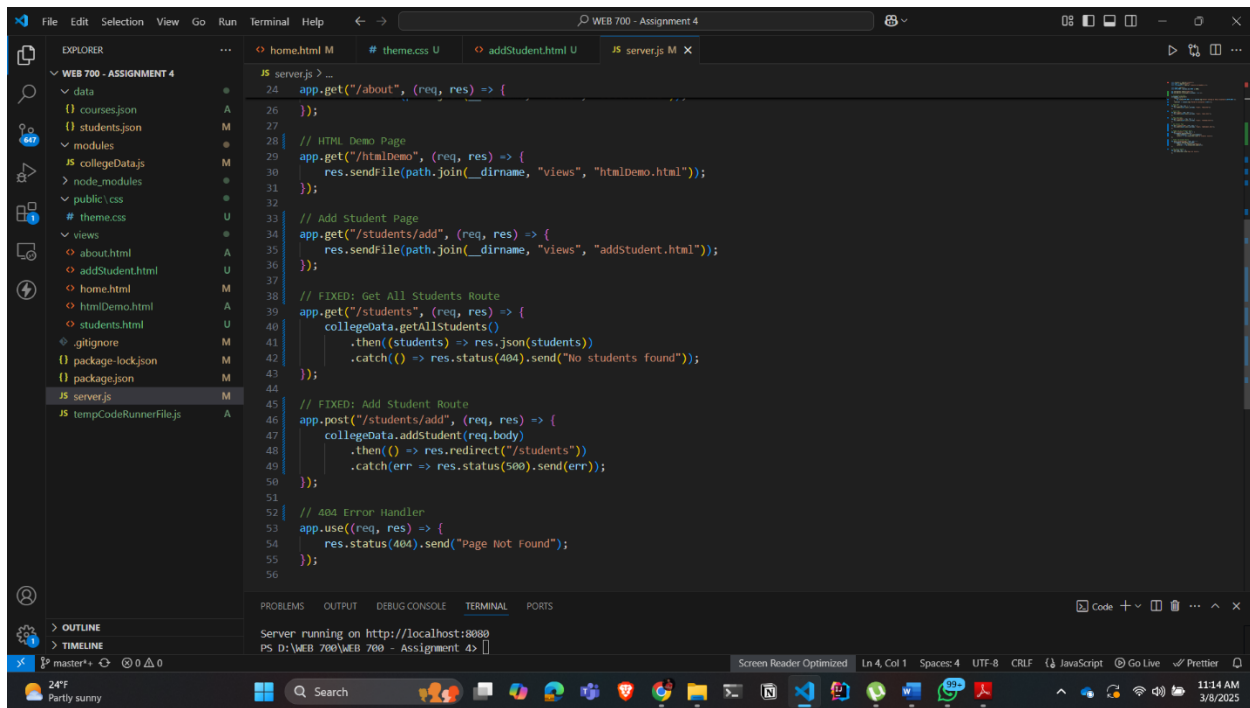
Manoj Anton Manorathan(146165238)



```
1 const express = require("express");
2 const path = require("path");
3 const collegeData = require("../modules/collegeData.js");
4
5 const app = express();
6 const HTTP_PORT = process.env.PORT || 8080;
7
8 app.use(express.static("public"));
9 app.use(express.urlencoded({ extended: true }));
10
11 // Initialize the data
12 collegeData.initialize()
13   .then(() => {
14     app.listen(HTTP_PORT, () => console.log(`Server running on http://localhost:${HTTP_PORT}`));
15   })
16   .catch(err => console.log(`Failed to initialize: ${err}`));
17
18 // Home Page
19 app.get("/", (req, res) => {
20   res.sendFile(path.join(__dirname, "views", "home.html"));
21 });
22
23 // About Page
24 app.get("/about", (req, res) => {
25   res.sendFile(path.join(__dirname, "views", "about.html"));
26 });
27
28 // HTML Demo Page
29 app.get("/htmlDemo", (req, res) => {
30   res.sendFile(path.join(__dirname, "views", "htmlDemo.html"));
31 });
32
33 // Add Student Page
```

Server running on http://localhost:8080
PS D:\WEB 700\WEB 700 - Assignment 4> |

Figure 1Server.js



```
24 app.get("/about", (req, res) => {
25   res.sendFile(path.join(__dirname, "views", "about.html"));
26 });
27
28 // HTML Demo Page
29 app.get("/htmlDemo", (req, res) => {
30   res.sendFile(path.join(__dirname, "views", "htmlDemo.html"));
31 });
32
33 // Add Student Page
34 app.get("/students/add", (req, res) => {
35   res.sendFile(path.join(__dirname, "views", "addStudent.html"));
36 });
37
38 // FIXED: Get All Students Route
39 app.get("/students", (req, res) => {
40   collegeData.getAllStudents()
41     .then(students => res.json(students))
42     .catch(() => res.status(404).send("No students found"));
43 });
44
45 // FIXED: Add Student Route
46 app.post("/students/add", (req, res) => {
47   collegeData.addStudent(req.body)
48     .then(() => res.redirect("/students"))
49     .catch(err => res.status(500).send(err));
50 });
51
52 // 404 Error Handler
53 app.use((req, res) => {
54   res.status(404).send("Page Not Found");
55 });
56
```

Server running on http://localhost:8080
PS D:\WEB 700\WEB 700 - Assignment 4> |

Figure 2Server.js

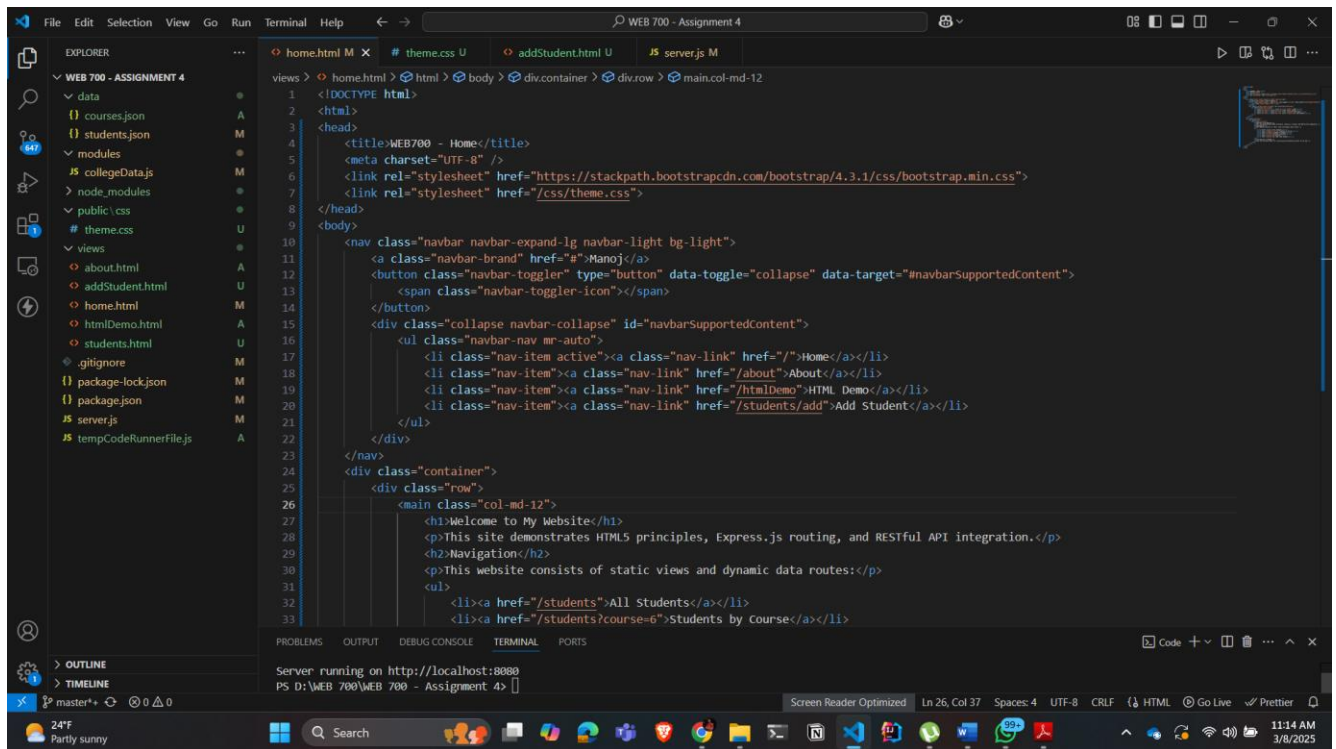


Figure 3 home.html

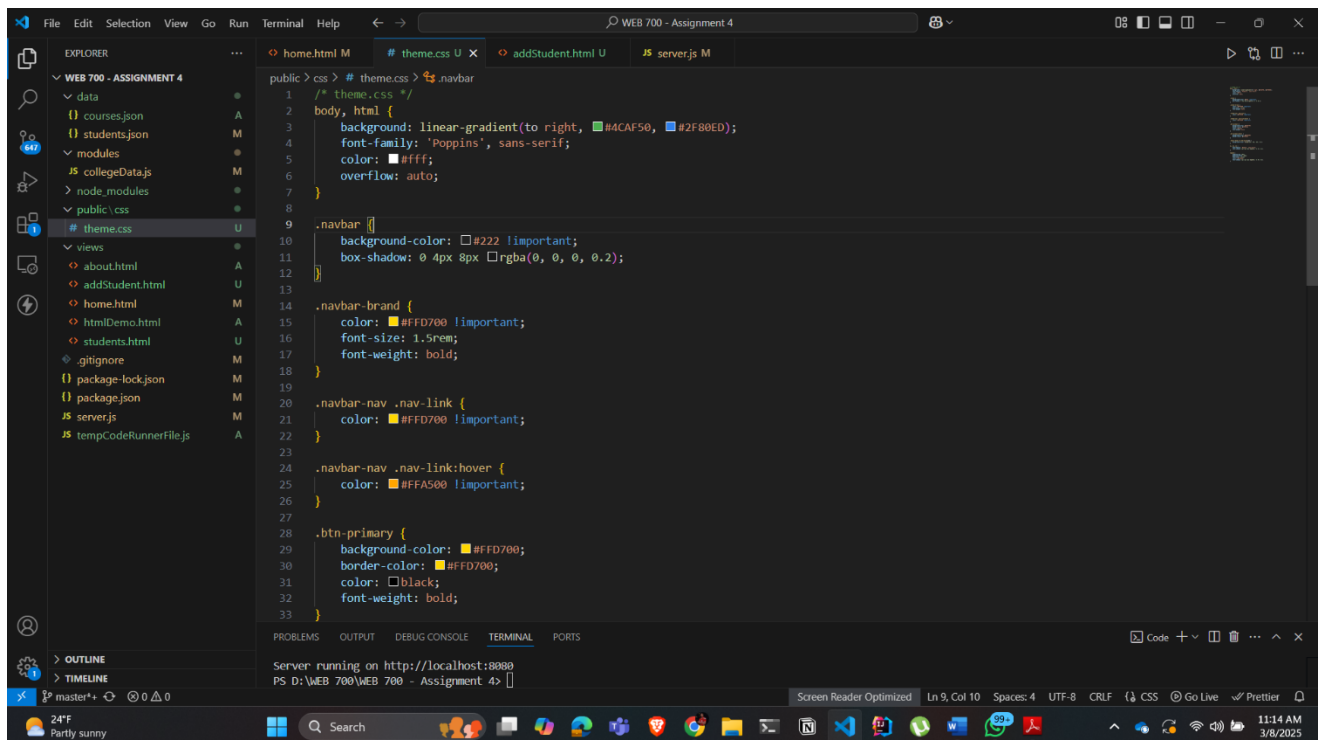


Figure 4 theme.css

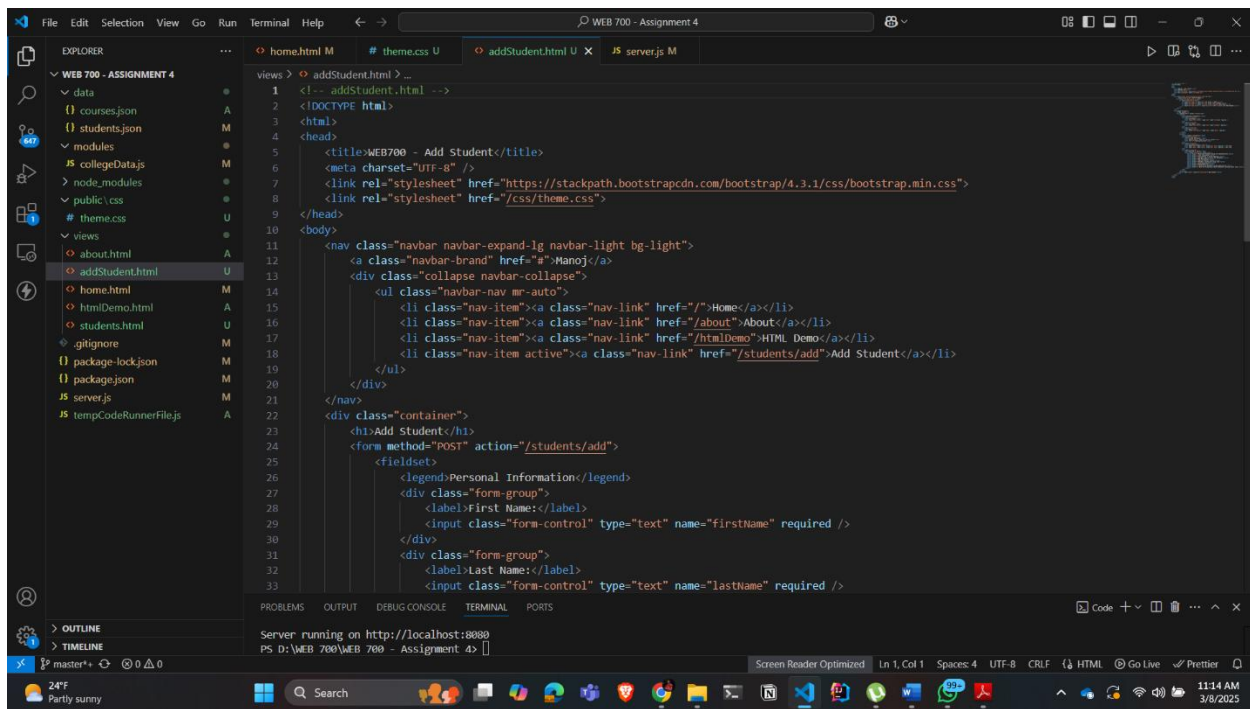


Figure 5addStudent.html

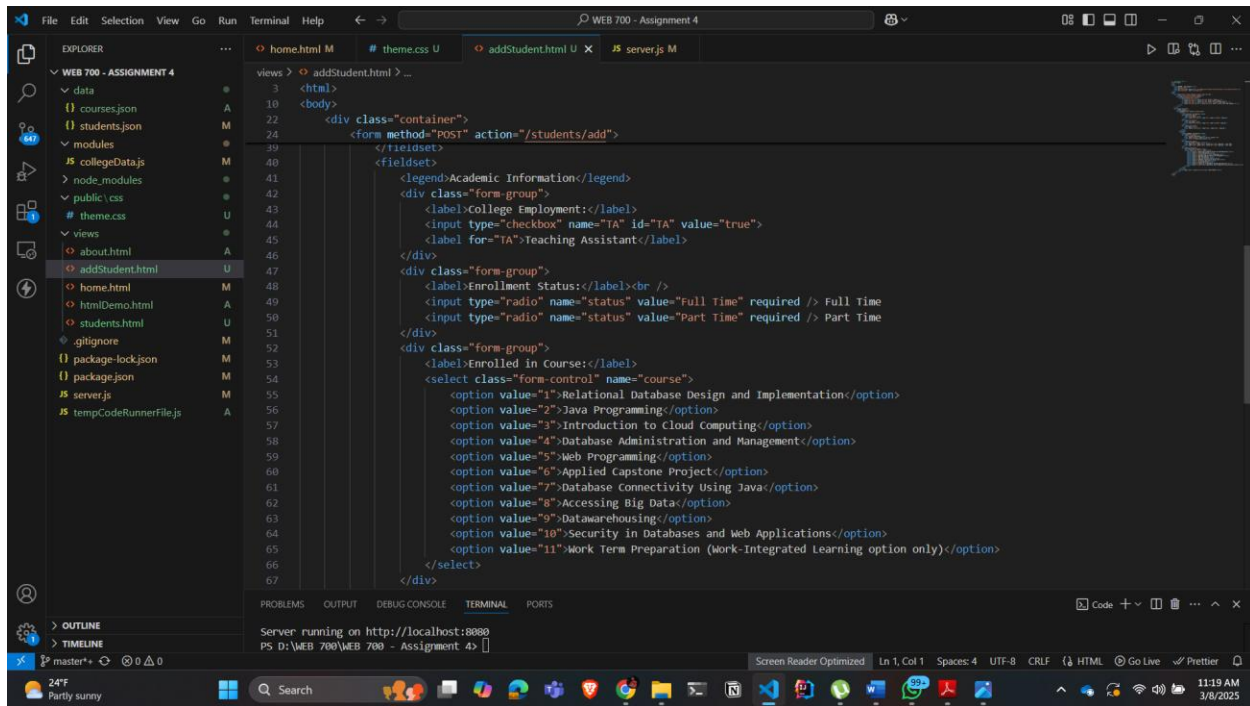


Figure 6addStudent.html

Output:

Manoj Home About HTML Demo Add Student

Add Student

Personal Information

First Name:

Last Name:

Email:

Academic Information

College Employment: ☒ Teaching Assistant

Enrollment Status: ☐ Full Time ☒ Part Time

Enrolled in Course:

Add Student

localhost:8080/students

```
Pretty-print
{
  "lastName": "jtschierasche",
  "email": "jtschierasche64@mySeneca.ca",
  "addressStreet": "8950 DI Loreto Crossing",
  "addressCity": "Toronto",
  "addressProvince": "ON",
  "TA": false,
  "status": "Part Time",
  "course": 5
},
{
  "firstName": "Manoj",
  "lastName": "Anton Manoranthan",
  "email": "manoj.red2000@gmail.com",
  "TA": true,
  "status": "Full Time",
  "course": "9",
  "studentNum": 261
},
{
  "firstName": "Manoj",
  "lastName": "Anton Manoranthan",
  "email": "manoj.red2000@gmail.com",
  "TA": true,
  "status": "Full Time",
  "course": "7",
  "studentNum": 262
},
{
  "firstName": "Manoj",
  "lastName": "Anton Manoranthan",
  "email": "manoj.red2000@gmail.com",
  "status": "Full Time",
  "course": "7",
  "TA": false,
  "studentNum": 263
},
{
  "firstName": "James",
  "lastName": "Kumar",
  "email": "jm@gmail.com",
  "TA": true,
  "status": "Full Time",
  "course": "0",
  "studentNum": 264
}
```