Walchand College of Engineering, Sangli
Department of Computer Science and Engineering

Class: Third Year (Computer Science and Engineering)

Year: 2020-21 **Semester:** 2

Course: Advanced Web and Mobile Application Development Lab (4CS381)

Practical No. 9A

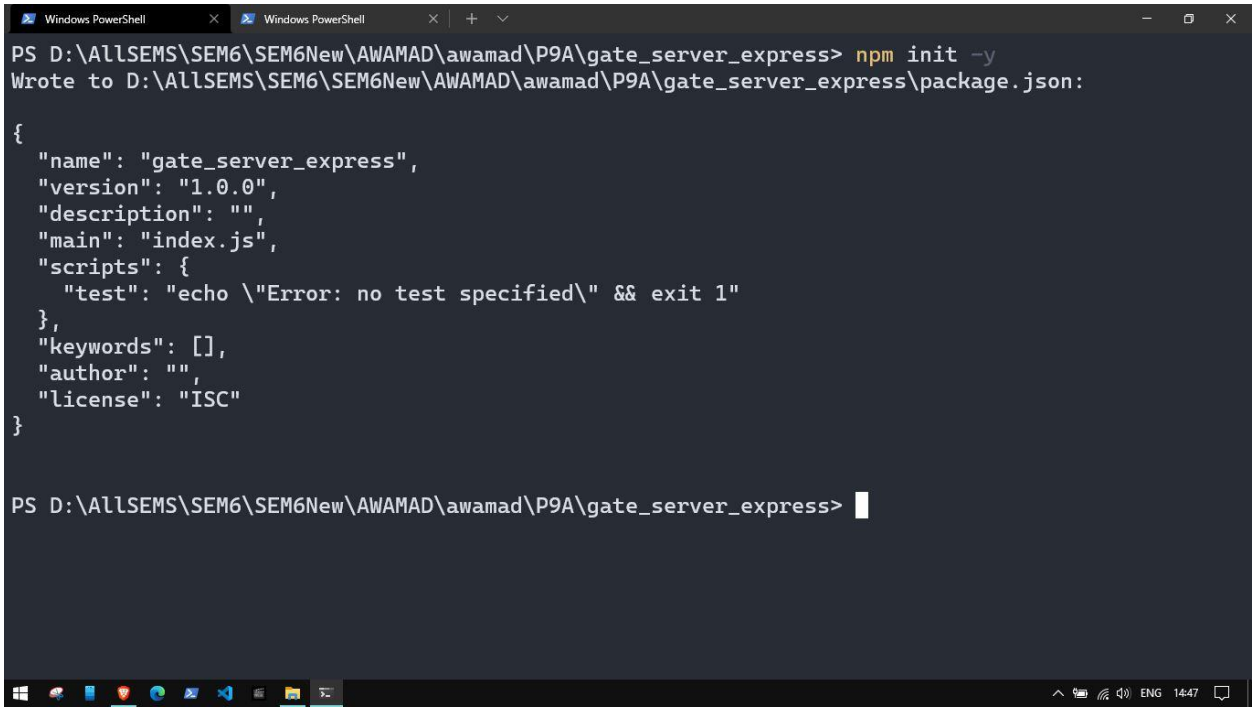
Exam Seat No:

1. 2018BTECS00033 - Mahendra Bhimrao Gharge
2. GitHub URL: https://github.com/g-mahendra/awamad

Problem Statement 1:

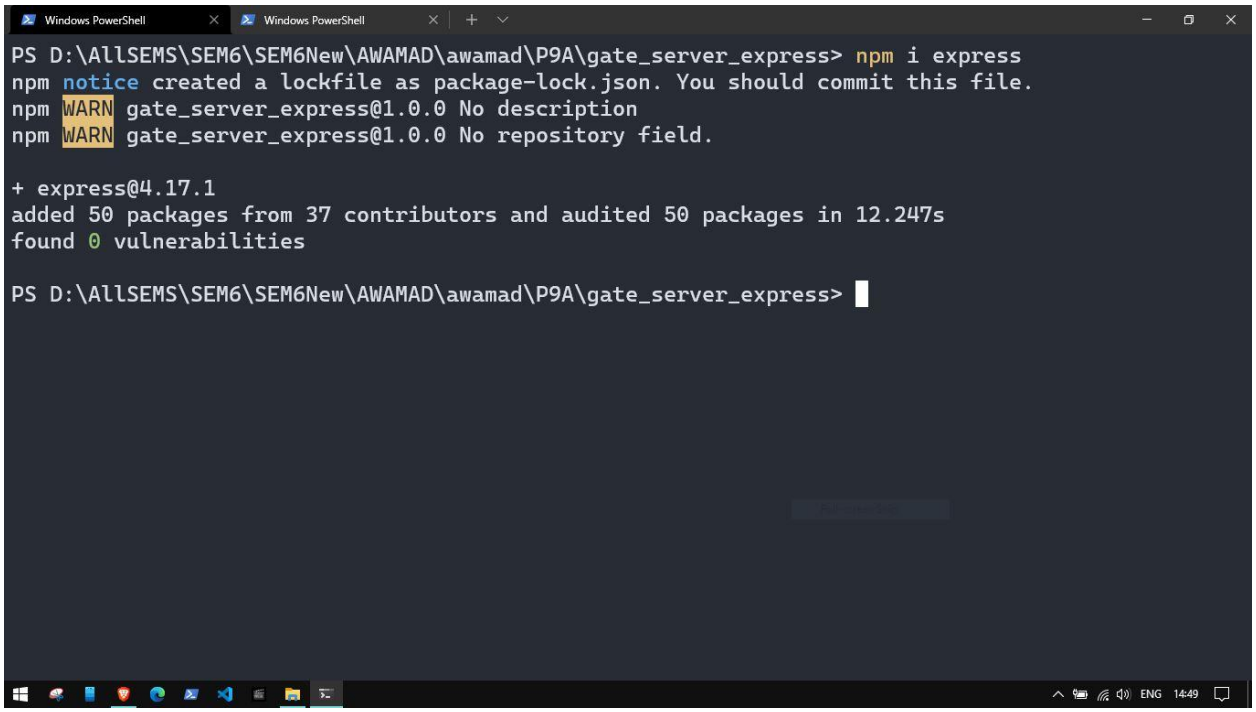
i. Create a GATE registration form in React. (Student Name, Branch, Identity Number (Aadhar/PAN/Driving License), Mobile, Address)
ii. Store the form data into the 'gate' table.
iii. Retrieve and Display the data in the HTML table.
iv. Use separate routes.
v. Create index/homepage and add links any engineering educational links on it and one link for GATE registration form

Screenshot 1:



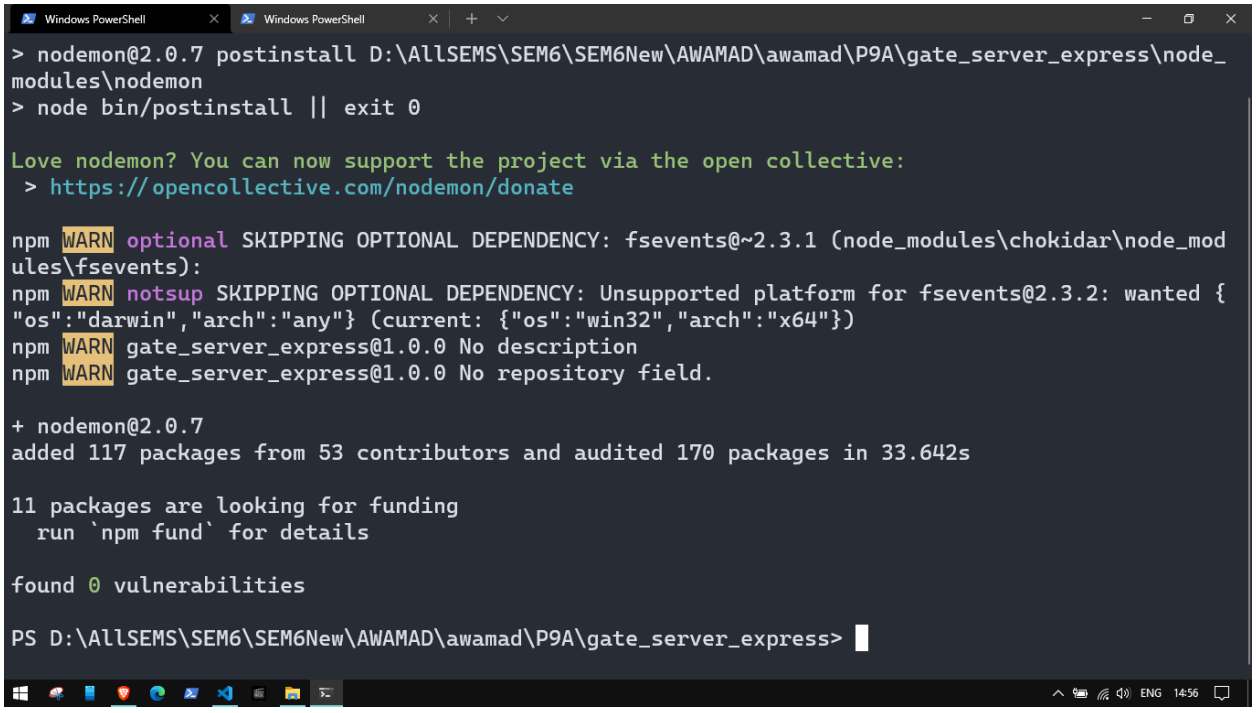
Information 1: Creating express server with npm

Screenshot 2:

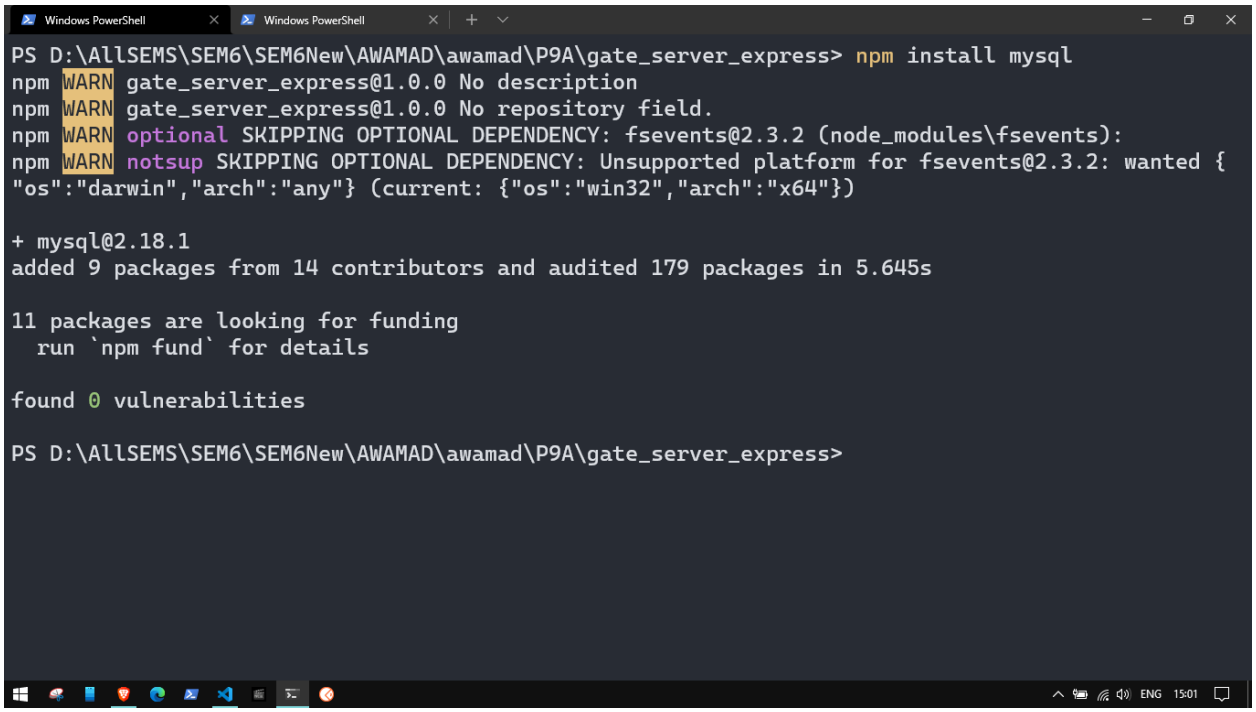


Information 2: Installing express

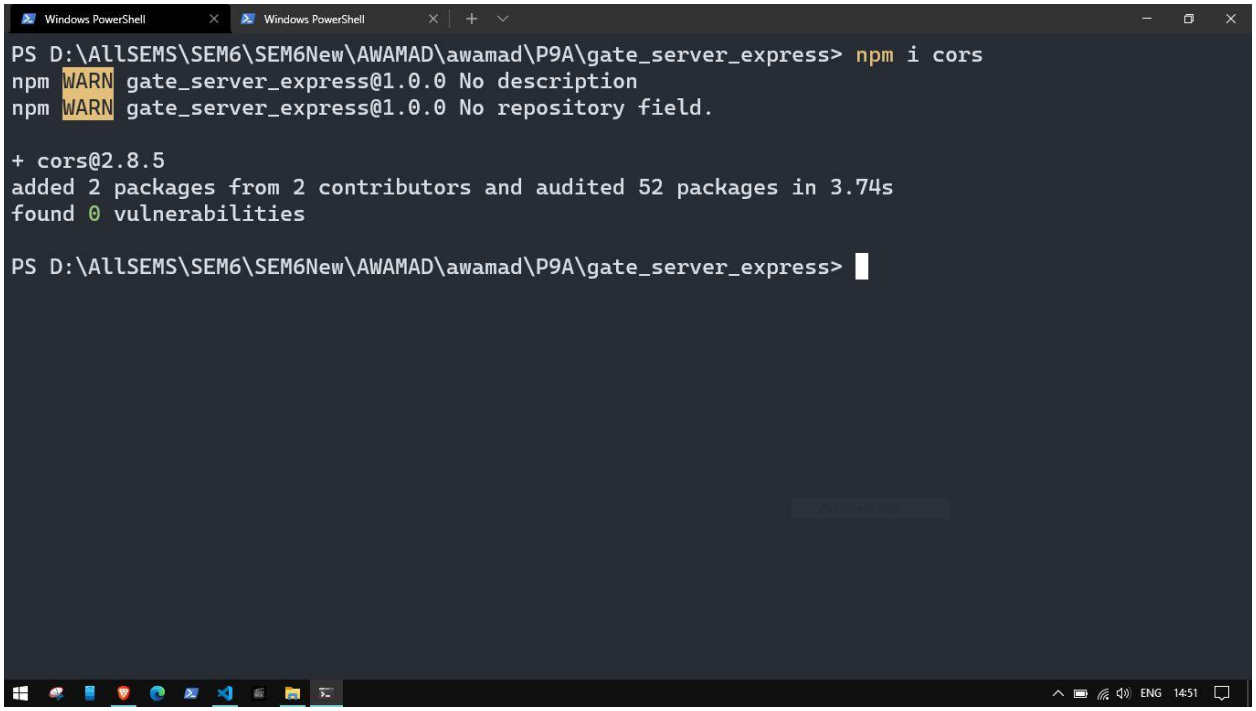
Screenshot 3:



Screenshot 4:

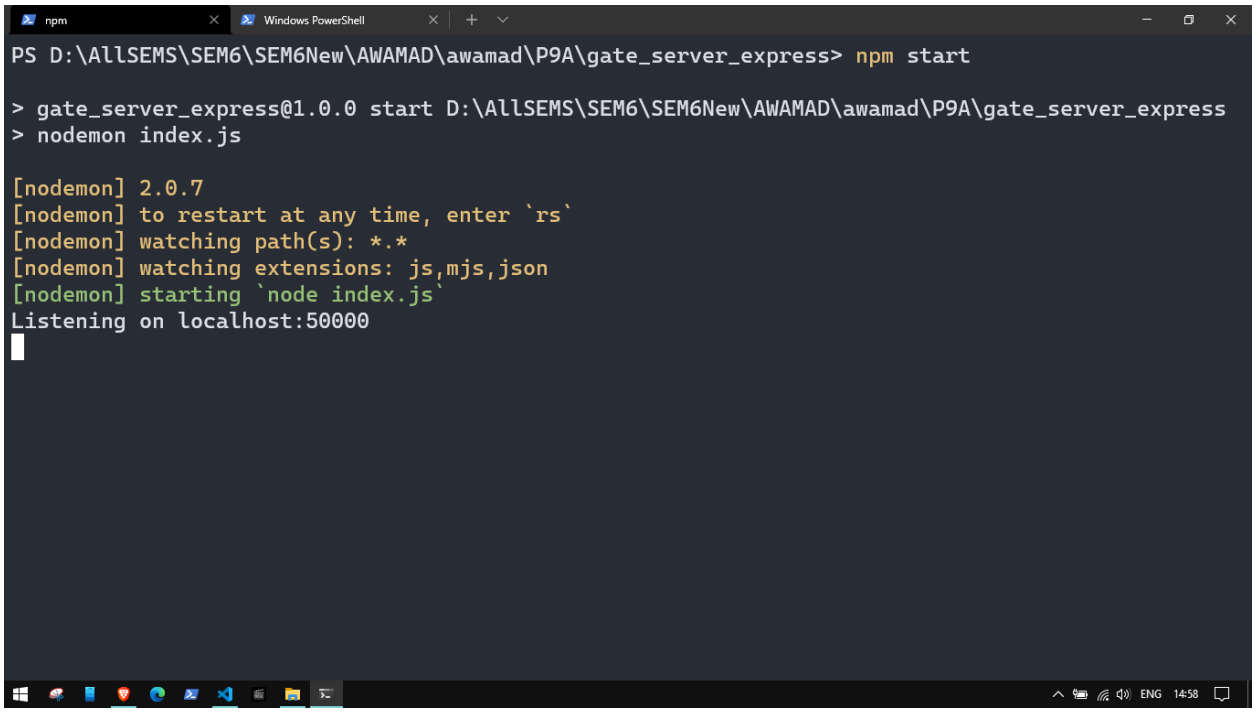


Screenshot 5:



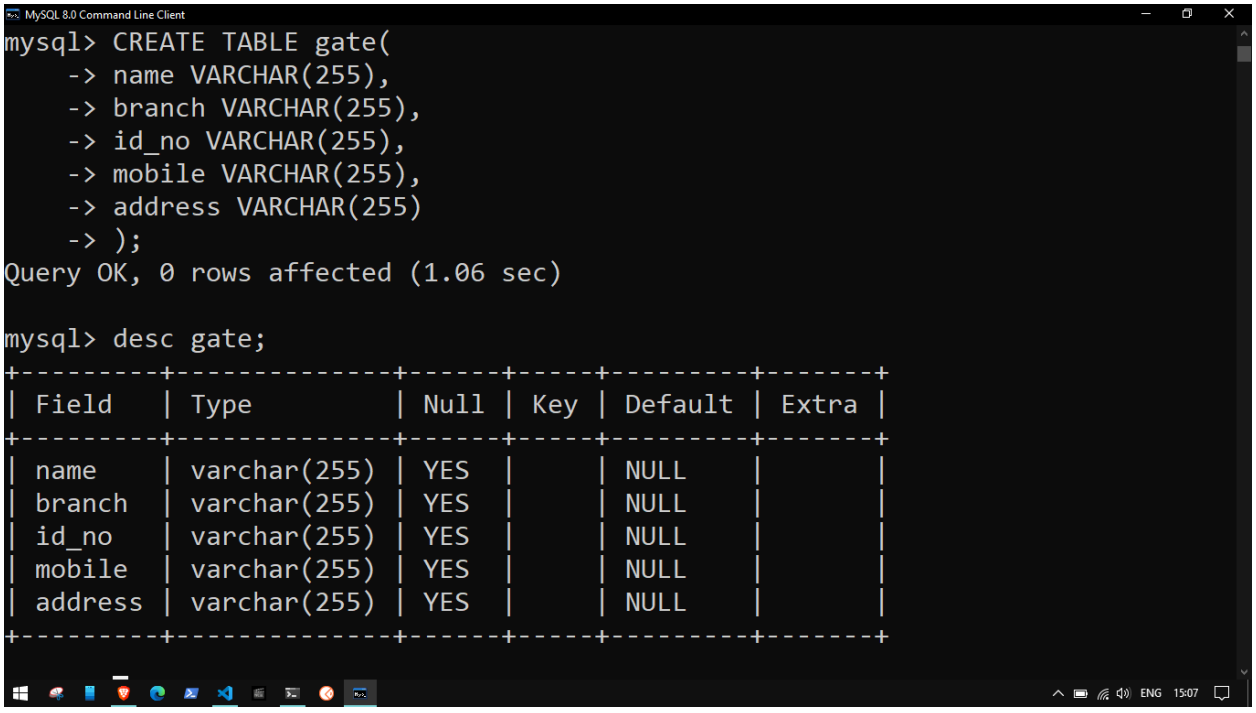
Information 3, 4, 5: Installing required dependencies such as **CORS, MYSQL, NODEMON**

Screenshot 6:



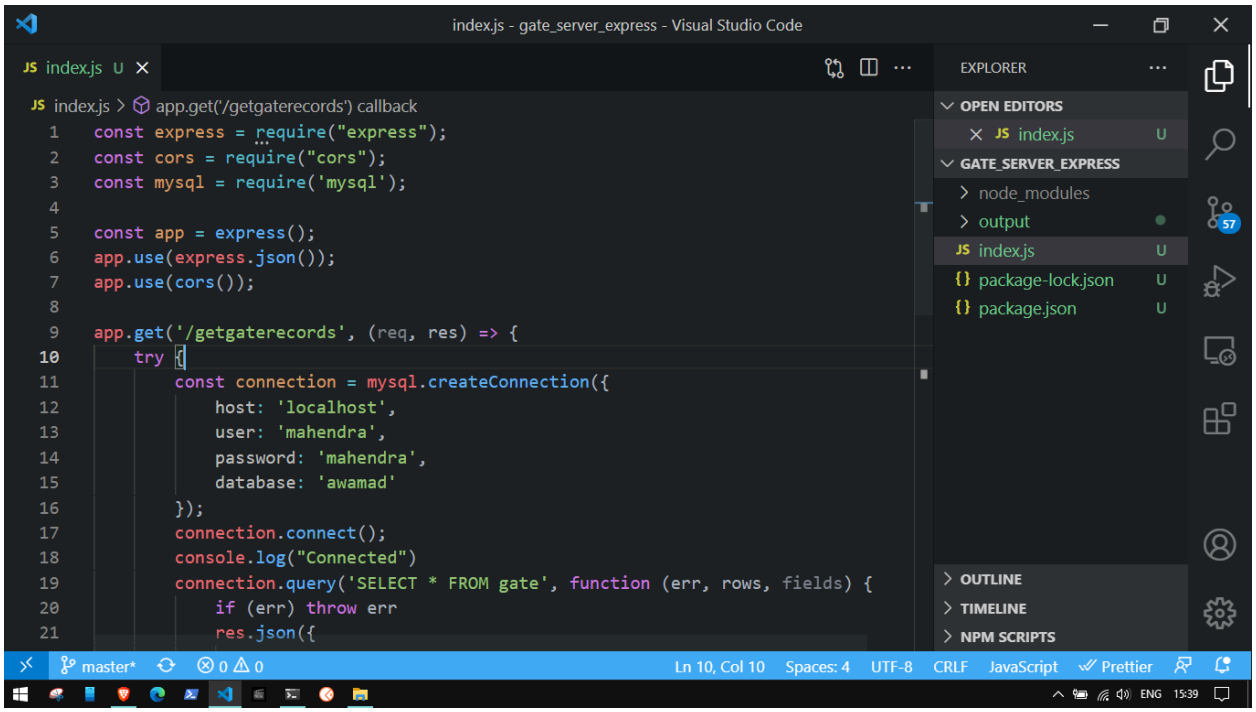
Information 6: Starting server with nodemon using npm stat with custom start script

Screenshot 7:



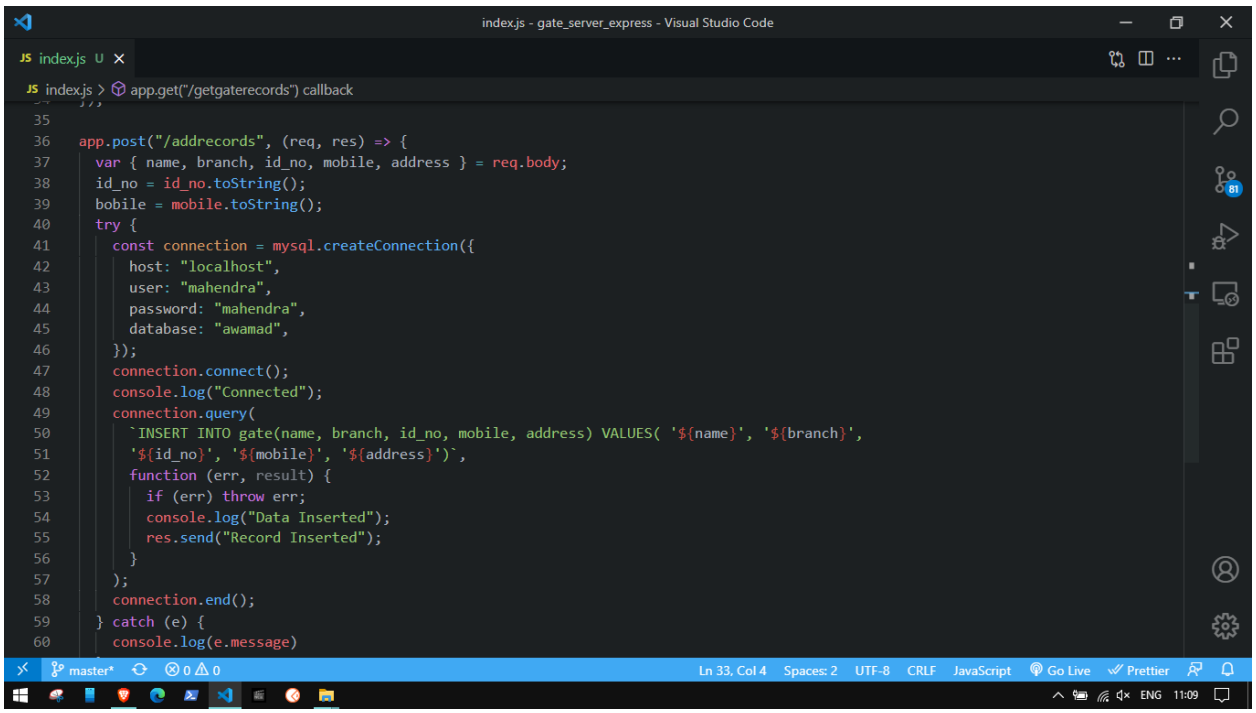
Information 7: Create Gate table in mysql

Screenshot 8:



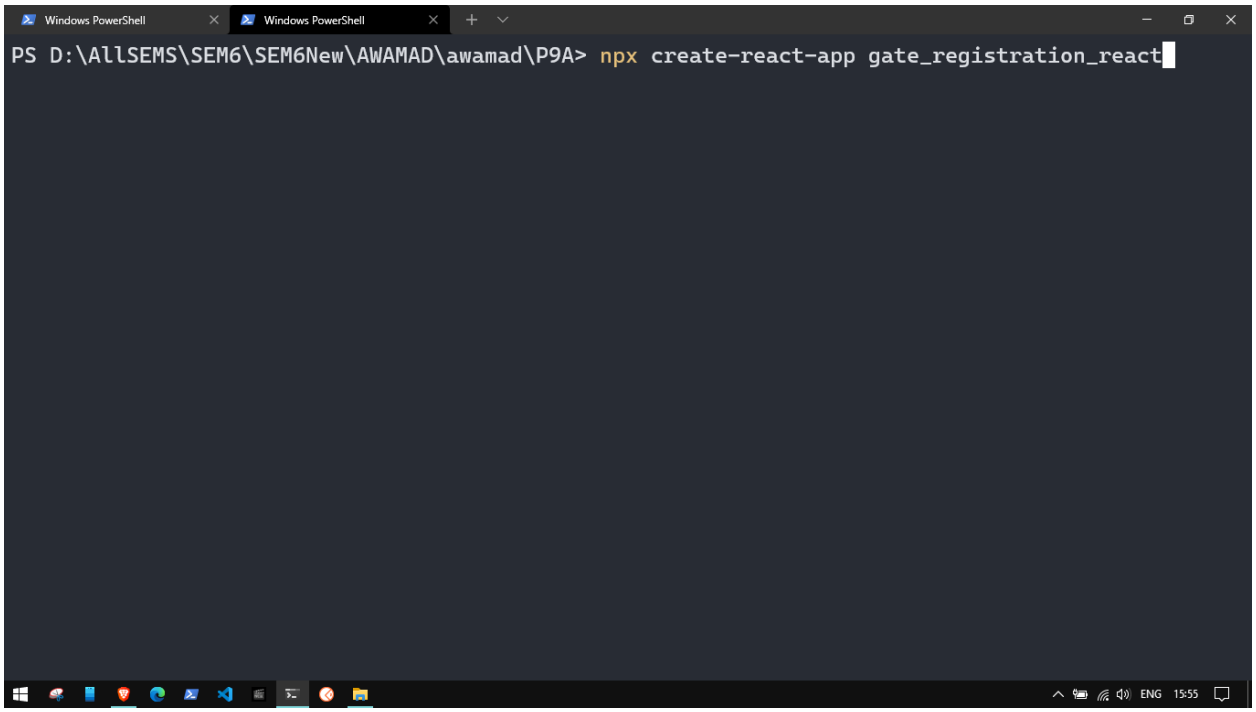
Information 8: Express server get method for fetching gate records

Screenshot 9:



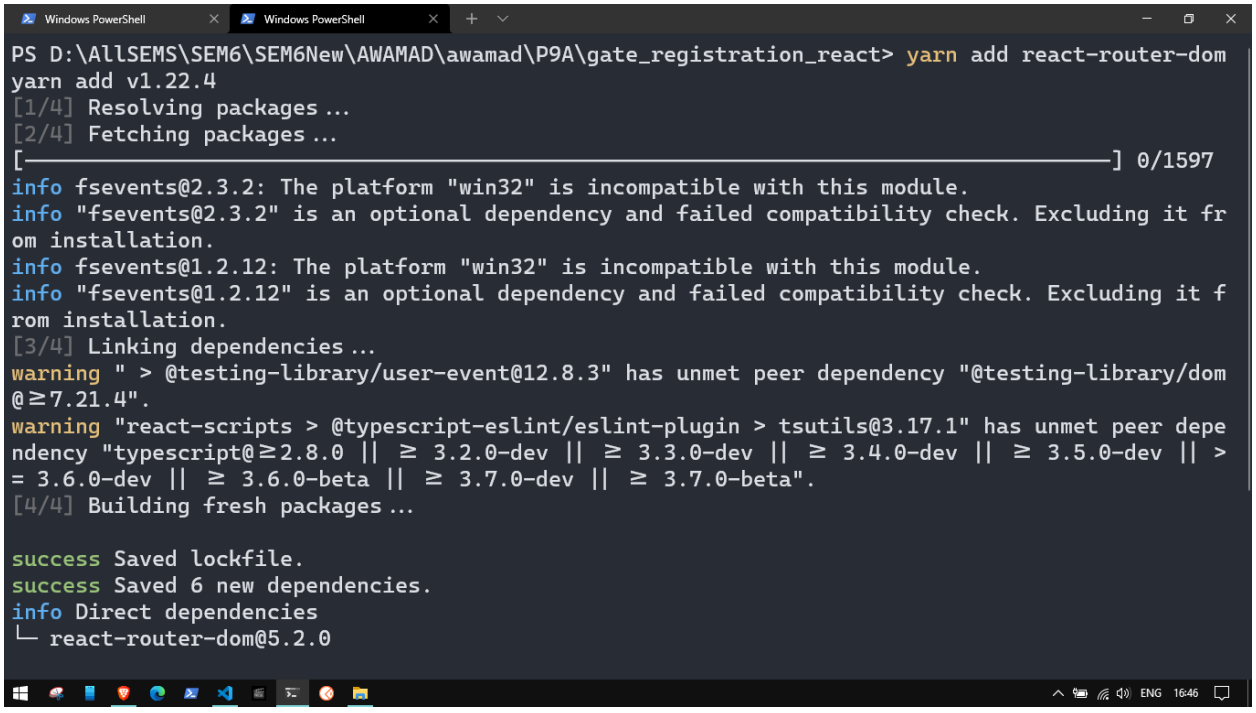
Information 9: Post Method on express server for inserting data in gate table

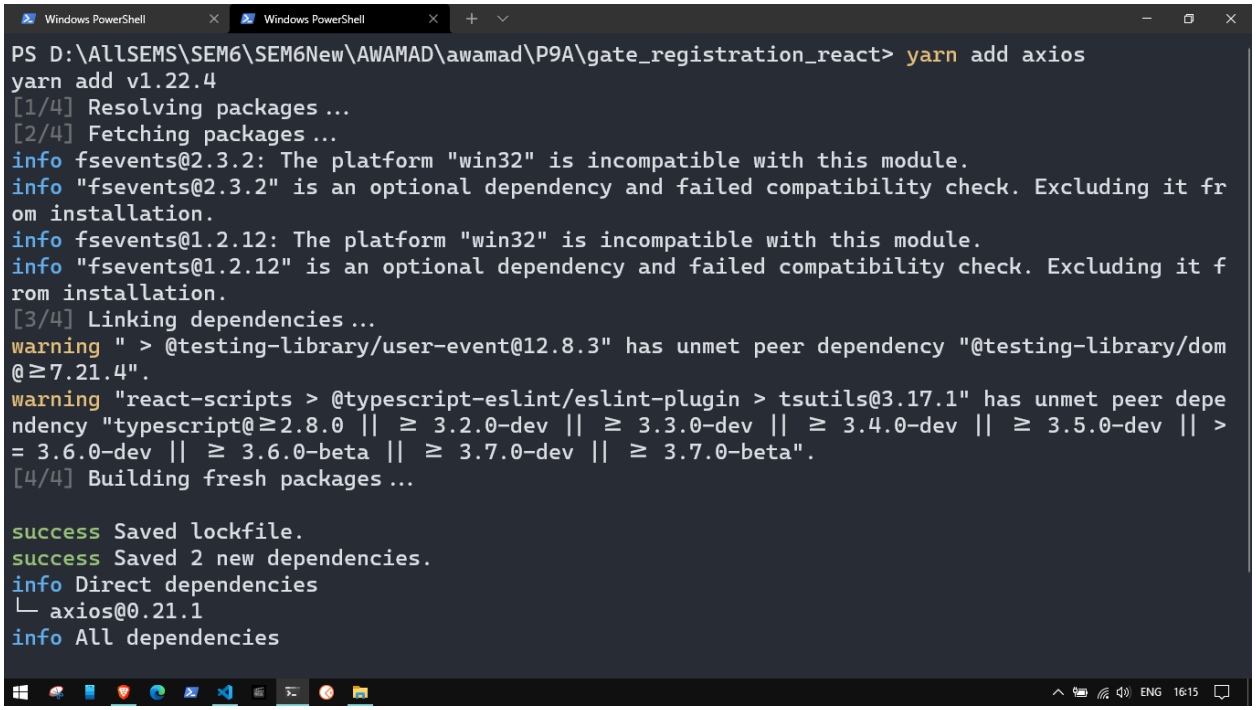
Screenshot 10:



Information 10: Creating React app for gate form

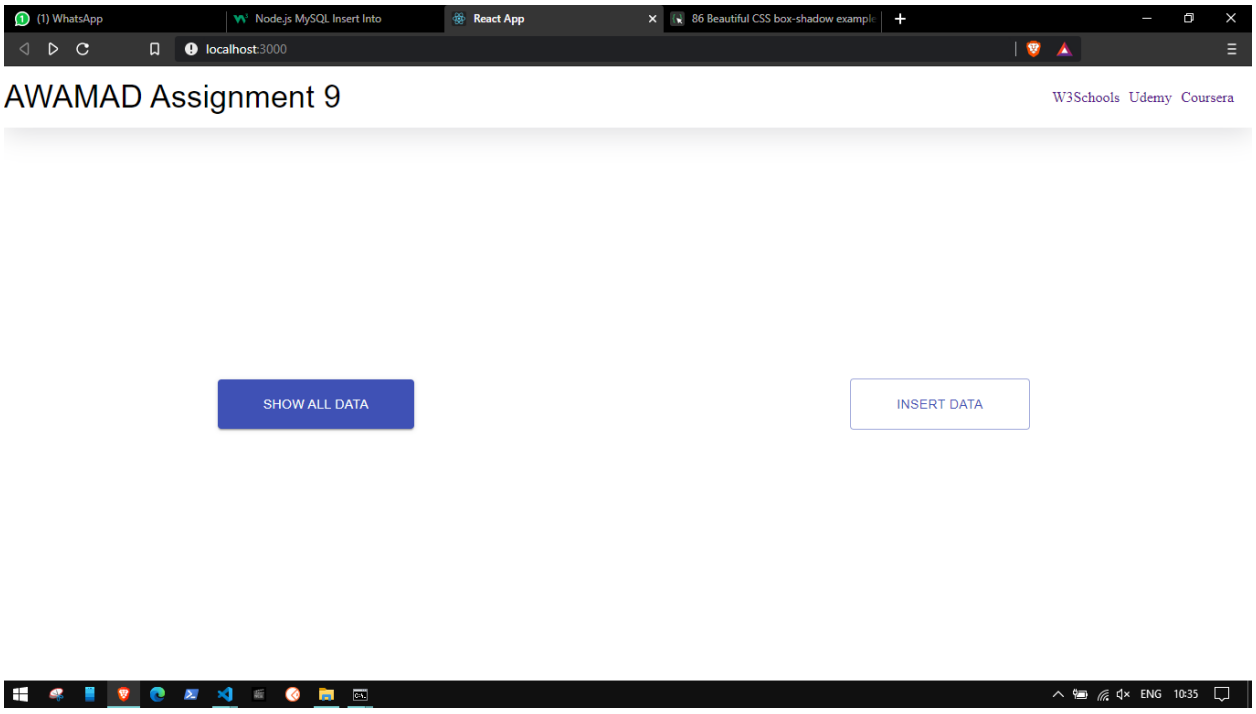
Screenshot 11 and 12:





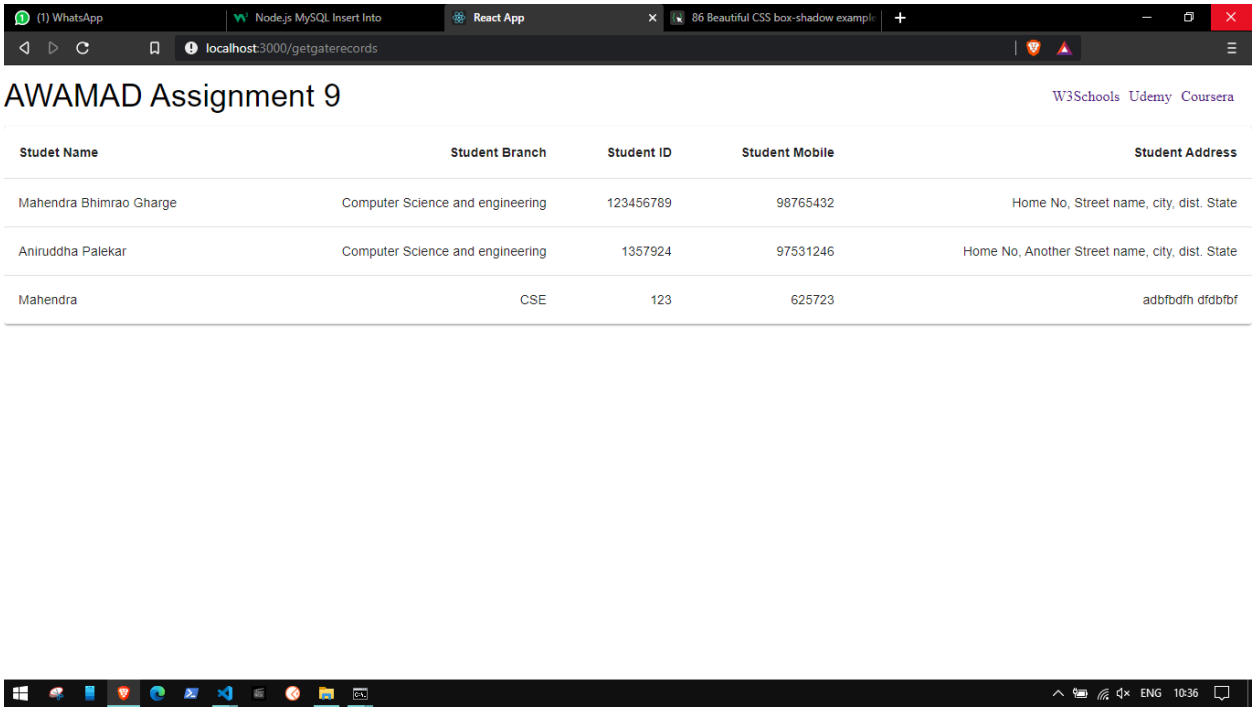
Information 11 and 12: Installing axios and react router for network request and routing respectively

Screenshot 13:



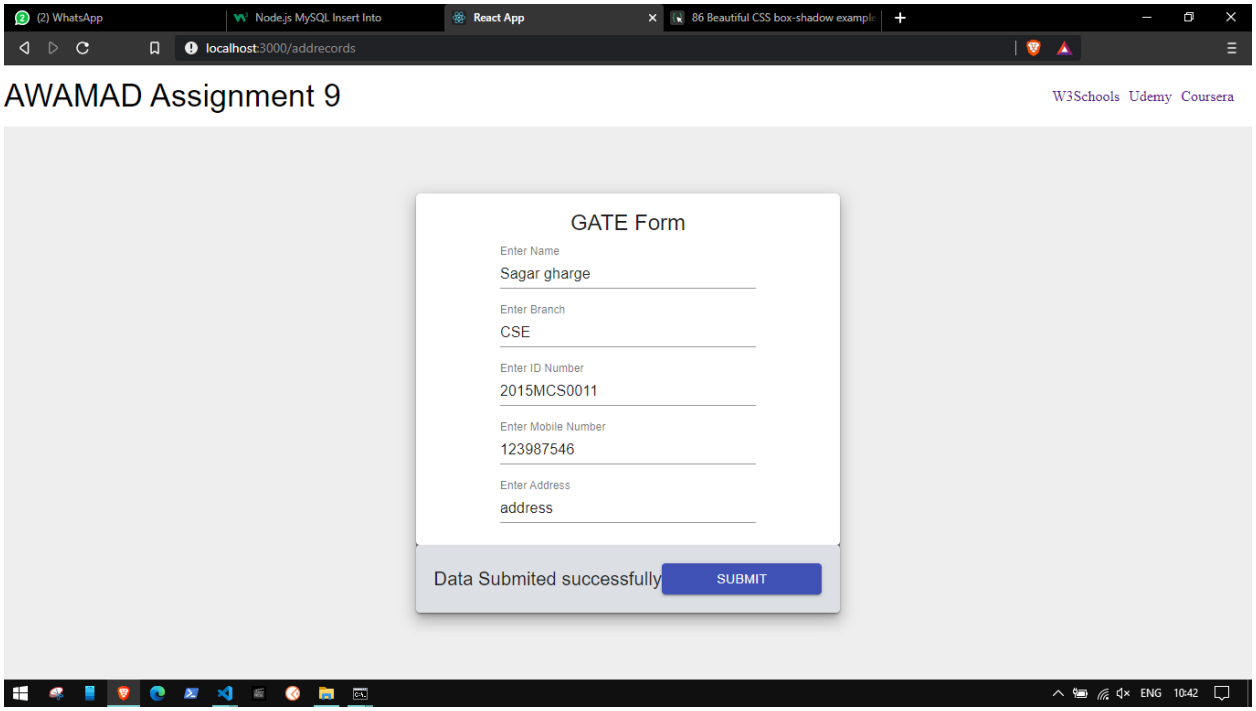
Information 13: Home Page for gate registration

Screenshot 14:



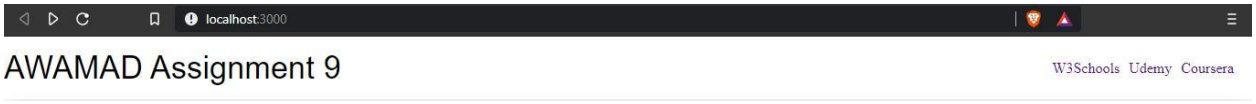
Information 14: Retrieve data records from gate table on /getgaterecords route

Screenshot 15:



Information 15: Inserting data in gate table on /addrecords route

Screenshot 16:



Information 16: Links for educational resources on Homepage