**Class:** Third Year (Computer Science and Engineering)

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

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

### Practical No. 5

**Github URL:** g-mahendra/awamad: Advanced web and mobile app development Laboratory assignments (github.com)

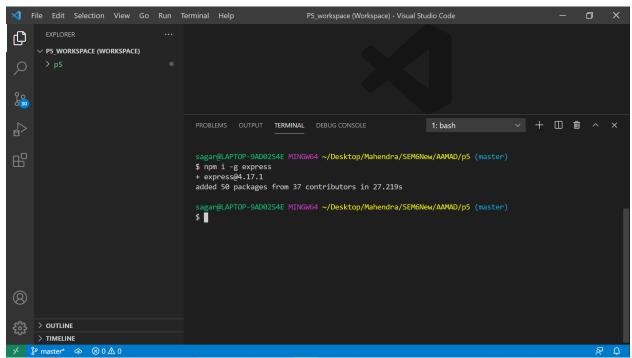
### **Exam Seat No:**

1. 2018BTECS00033 - Mahendra Bhimrao gharge

### **Problem Statement 1:**

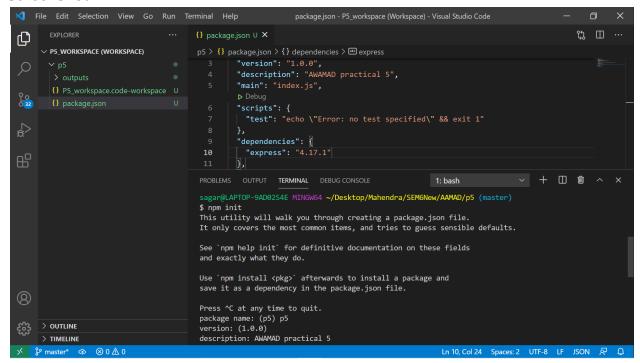
- 1. Install Express is globally using node's NPM
- 2. Verify and update package.json file for correct dependencies and other project information

### **Screenshot 1:**



**Information 1:** Installed express globally using command: **npm i -g express** 

### **Screenshot 2:**

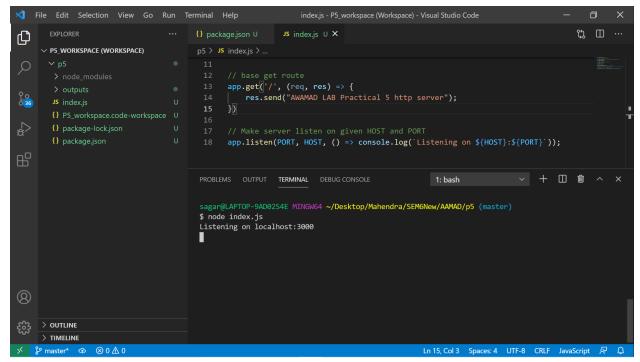


**Information 2:** Updated **package.json** according to the version of express installed.

### **Problem Statement 2:**

- 3. Write an Express app for creating a HTTP server
- 4. Configure IP address and port number.

### **Screenshot 3:**

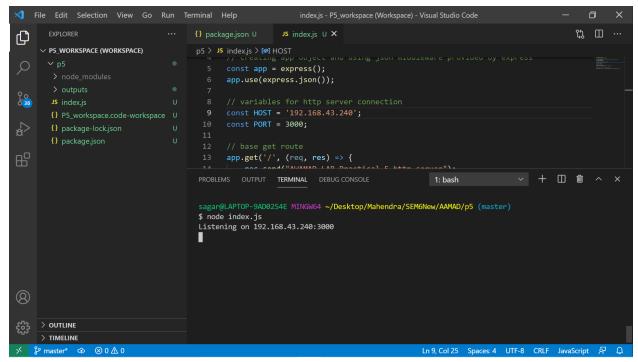


# **Information 3:** Ran http server on **localhost** with port as **3000 Screenshot 4:**



**Information 4:** Output in the browser

### **Screenshot 5:**



**Information 5:** Ran http server on **192.168.43.240** with port as **3000 Screenshot 6:** 



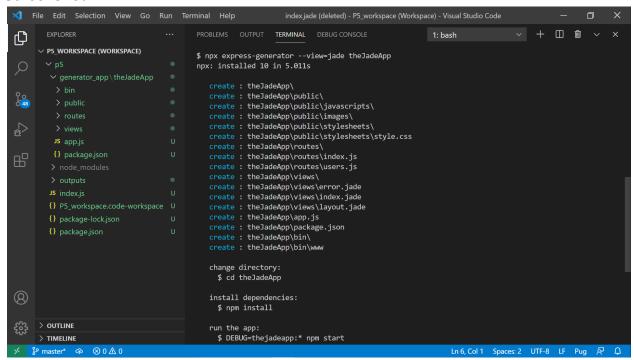
**Information 6:** Output in the browser

### **Problem Statement 3:**

- 1. Install Express Generator in working directory.
- 2. Create an Express App using express generator with default view (Jade).
- 3. Create an Express App using express generator with pug view.
- 4. Run HTTP server on localhost

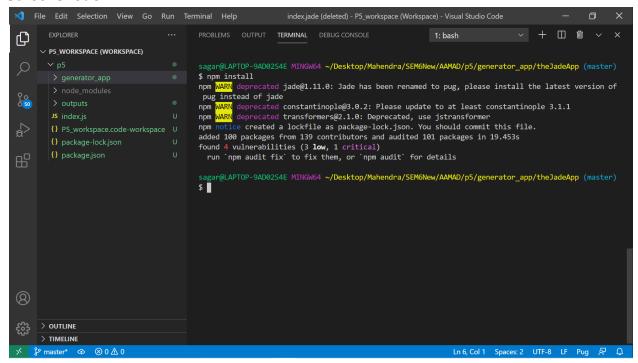
## 1> The Jade App:

### **Screenshot 7:**

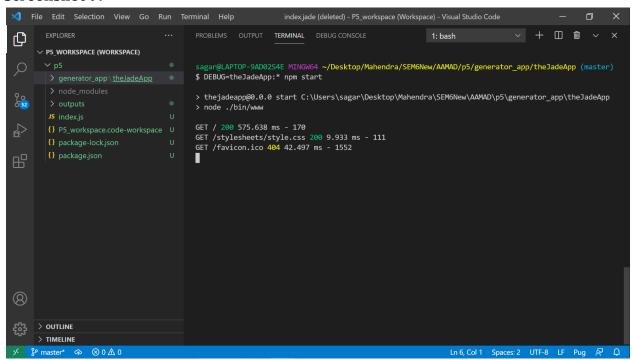


**Information 7:** Created a Jade app using express generator with command: **npx express-generator --view=jade theJadeApp** 

#### **Screenshot 8:**



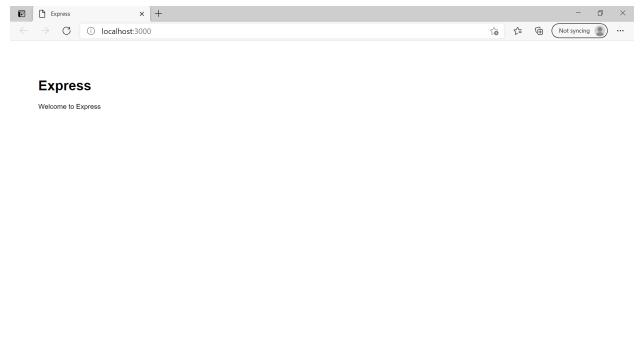
**Information 8:** Installed node modules with command: **npm -i Screenshot 9:** 



**Information 9:** Running the JadeApp using the command

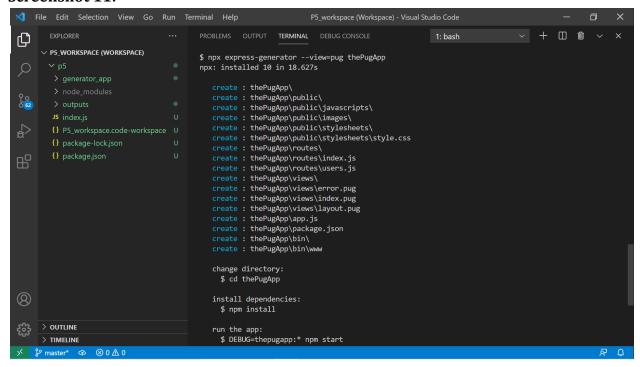
DEBUG=theJadeApp: \*npm start

## **Screenshot 10:**



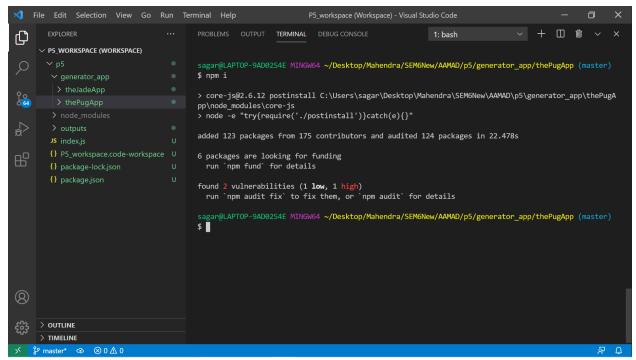
**Information 10:** Output of **theJadeApp** in browser

### The Pug App Screenshot 11:



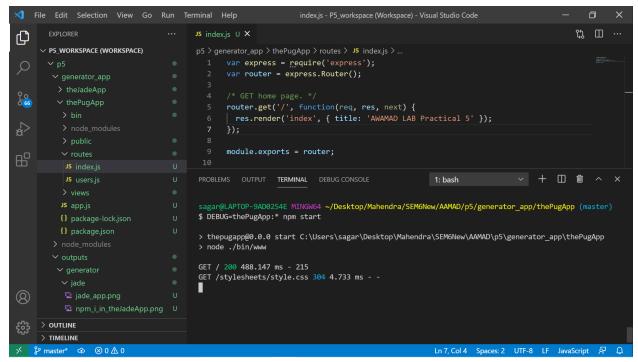
**Information 11:** Created a pug using express generator with command: **npx express-generator --view=pug thePugApp** 

### Screenshot 12:



**Information 12:** Installed node modules with command: **npm -i** 

### **Screenshot 13:**



# **Information 13:** PugApp running on localhost **Screenshot 14:**



### **AWAMAD LAB Practical 5**

Welcome to AWAMAD LAB Practical 5

**Information 14:** Output of thepugapp in the browser