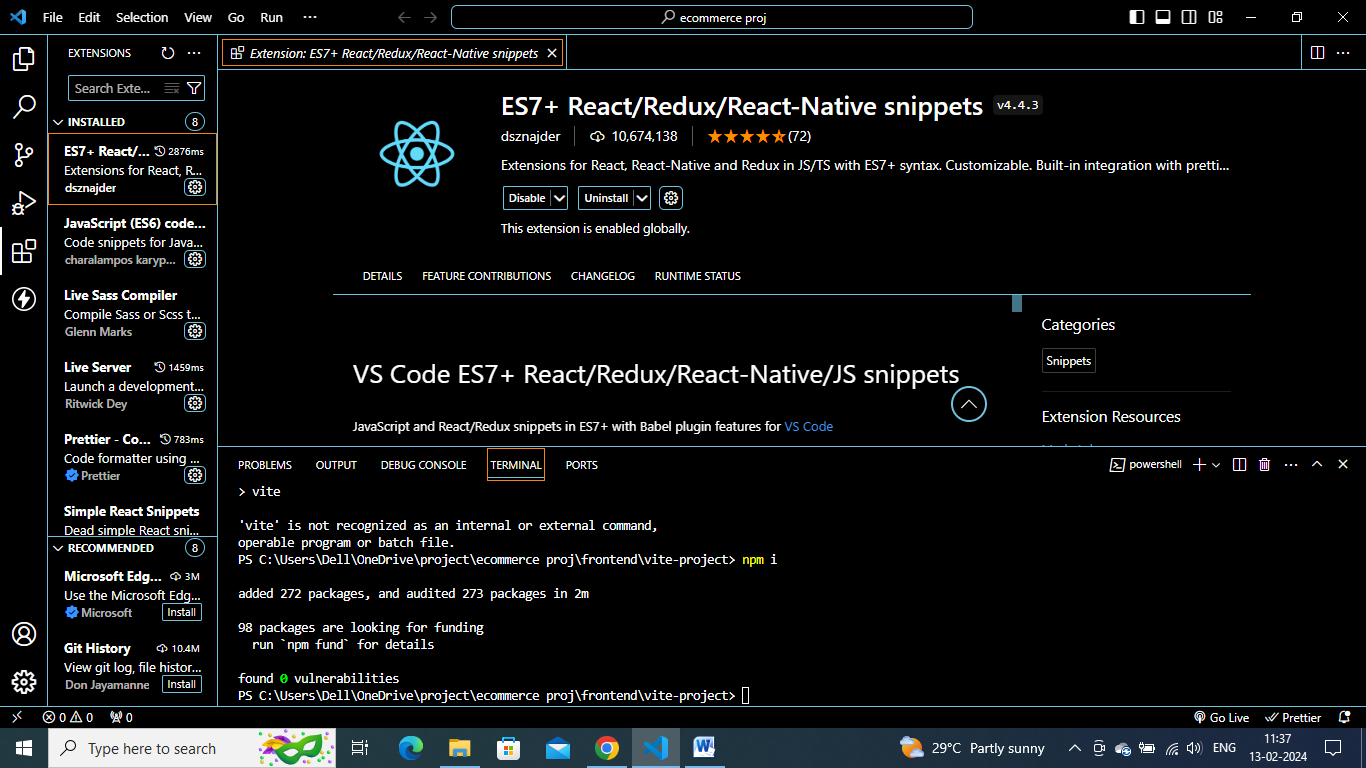
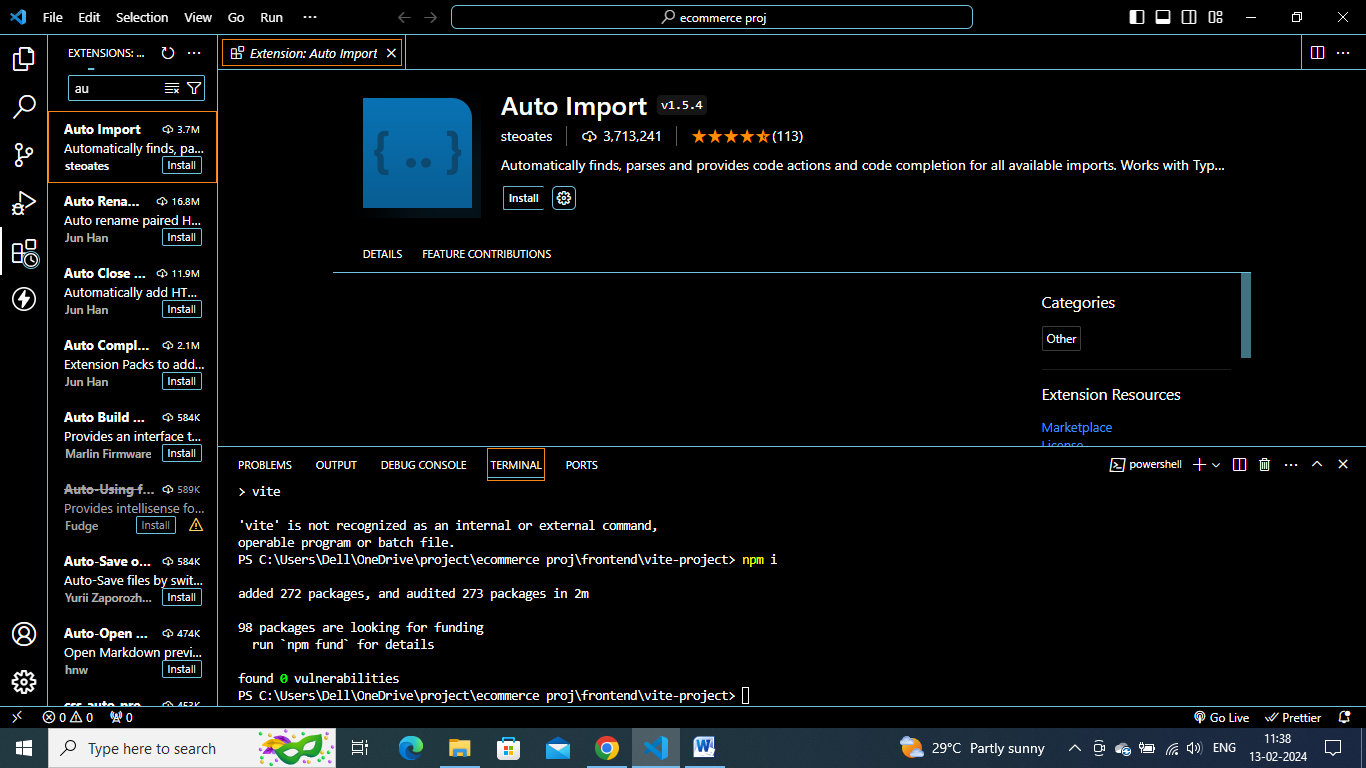
**Creating backend api first:**

Install es7 react/redux/react native snippets pluggin in vs code

Auto import –es6 ts,jsx.

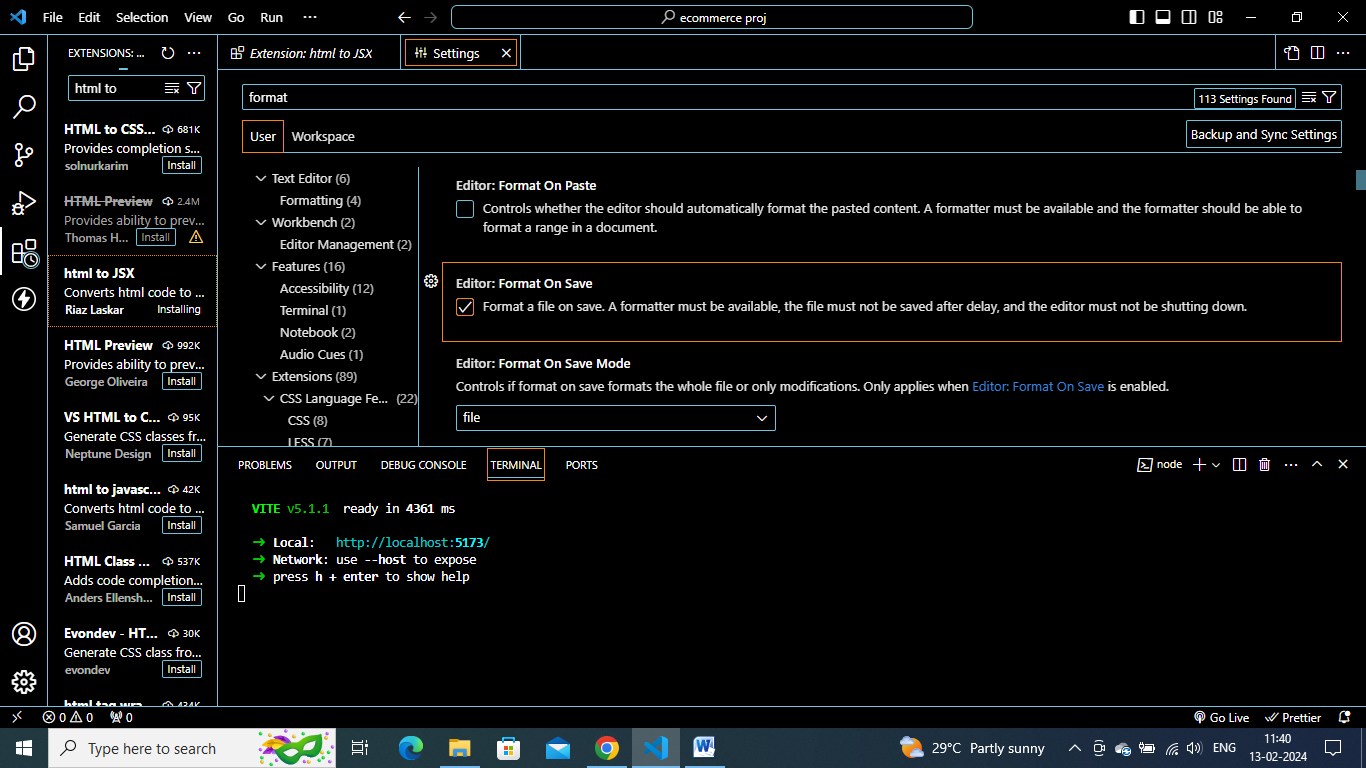
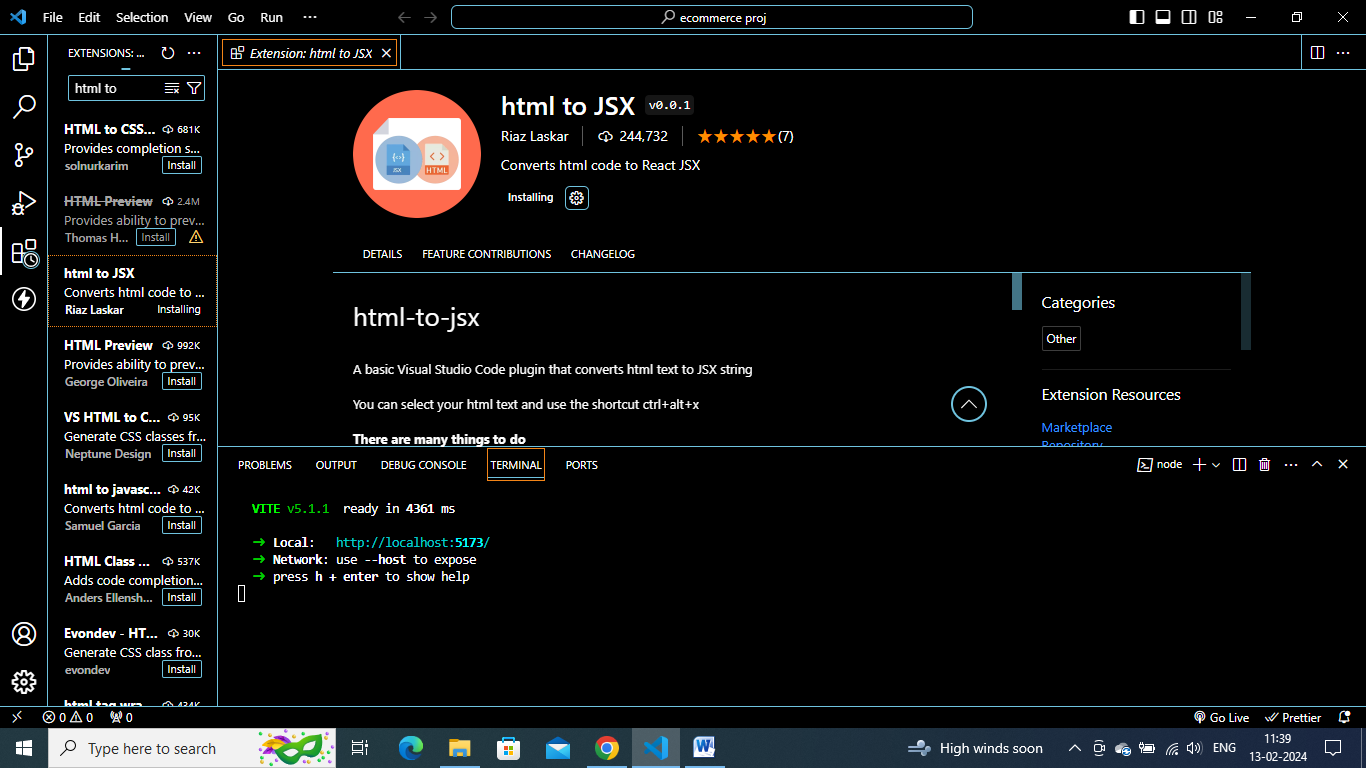
Dotenv



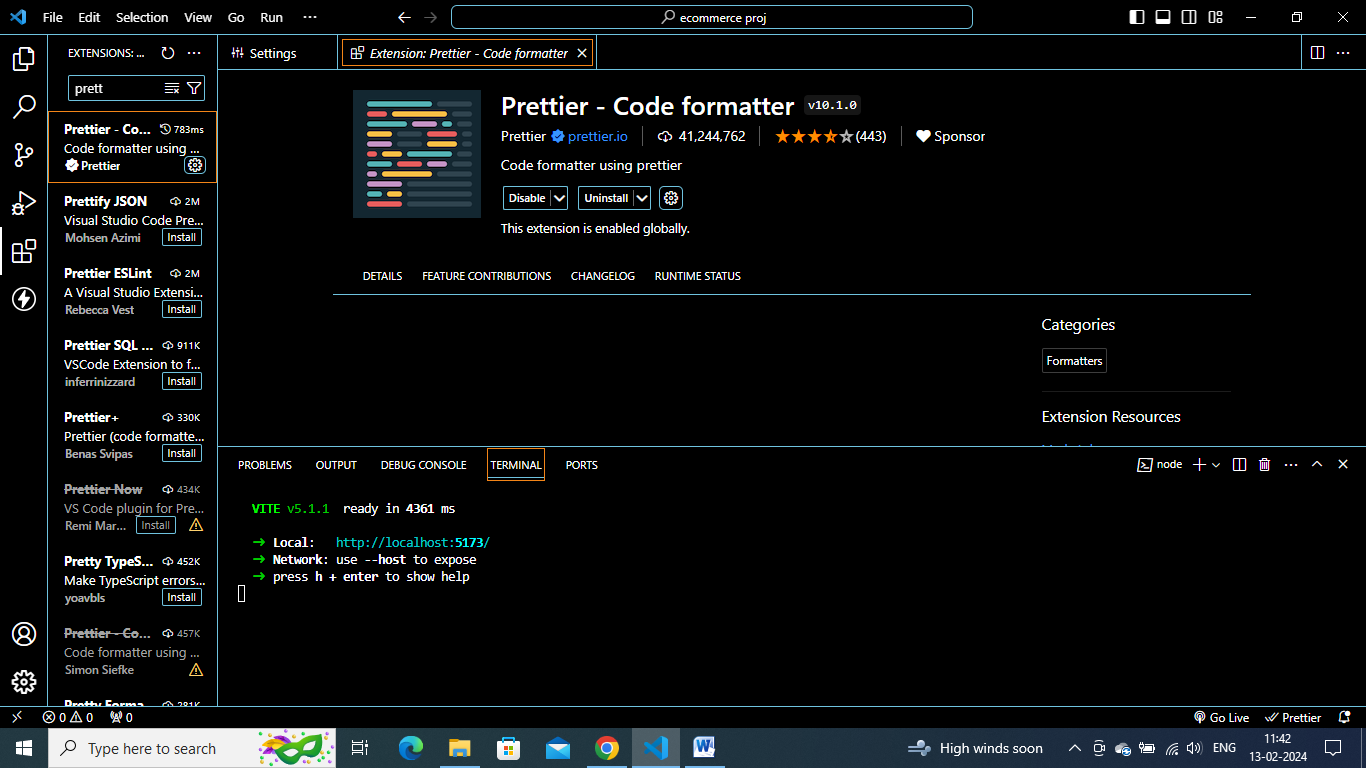




Html to jsx extension

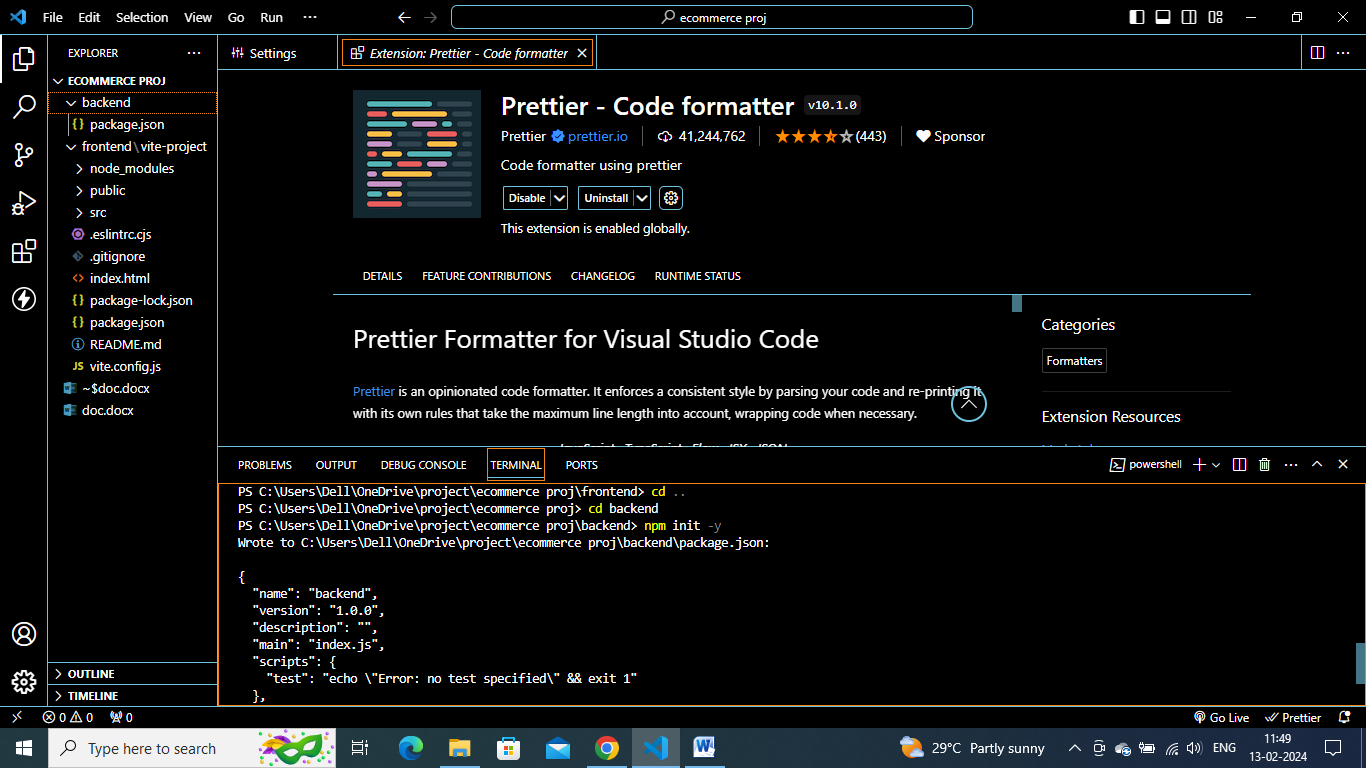


In settings – format search – format on save checked.

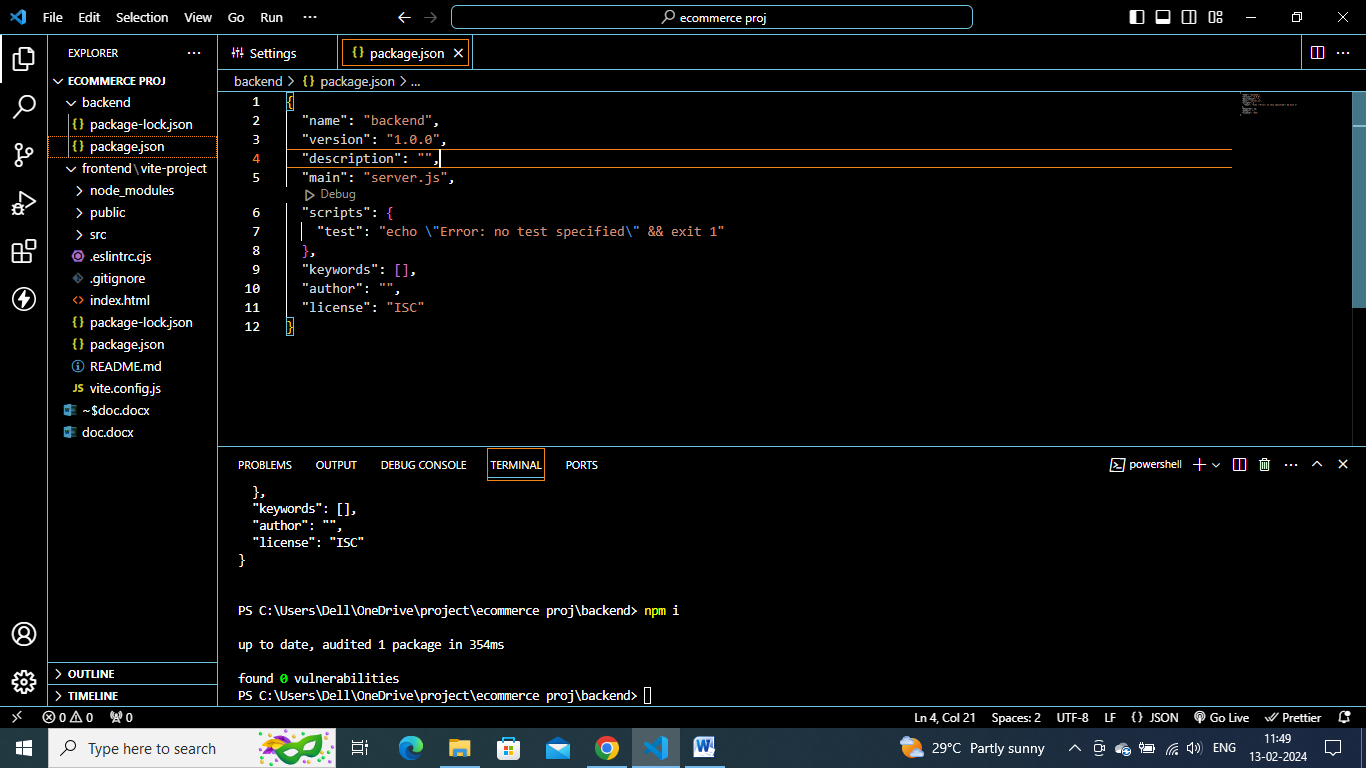


Create backend named folder

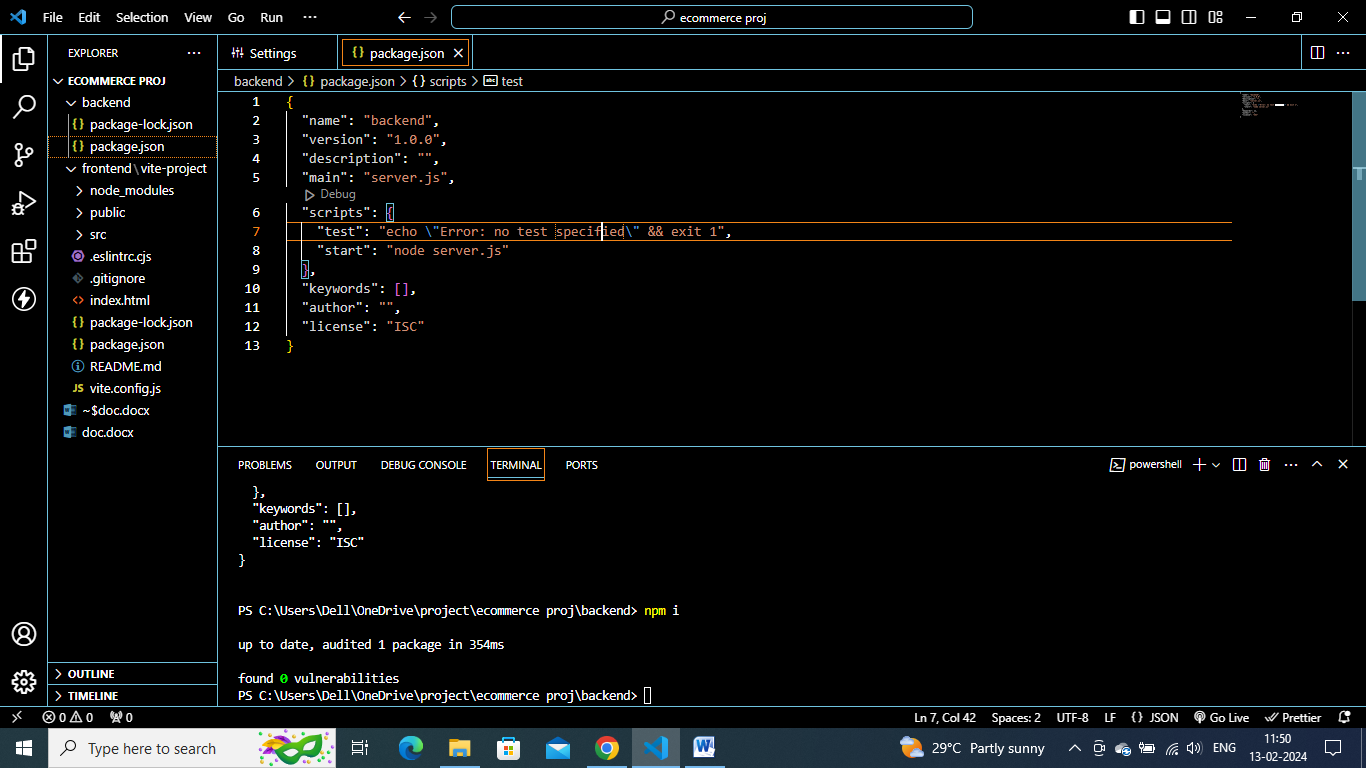
Do npm init –y inside it.



Observe a packge.json will be created .



Package.json has all these information . changing index.js to server.js

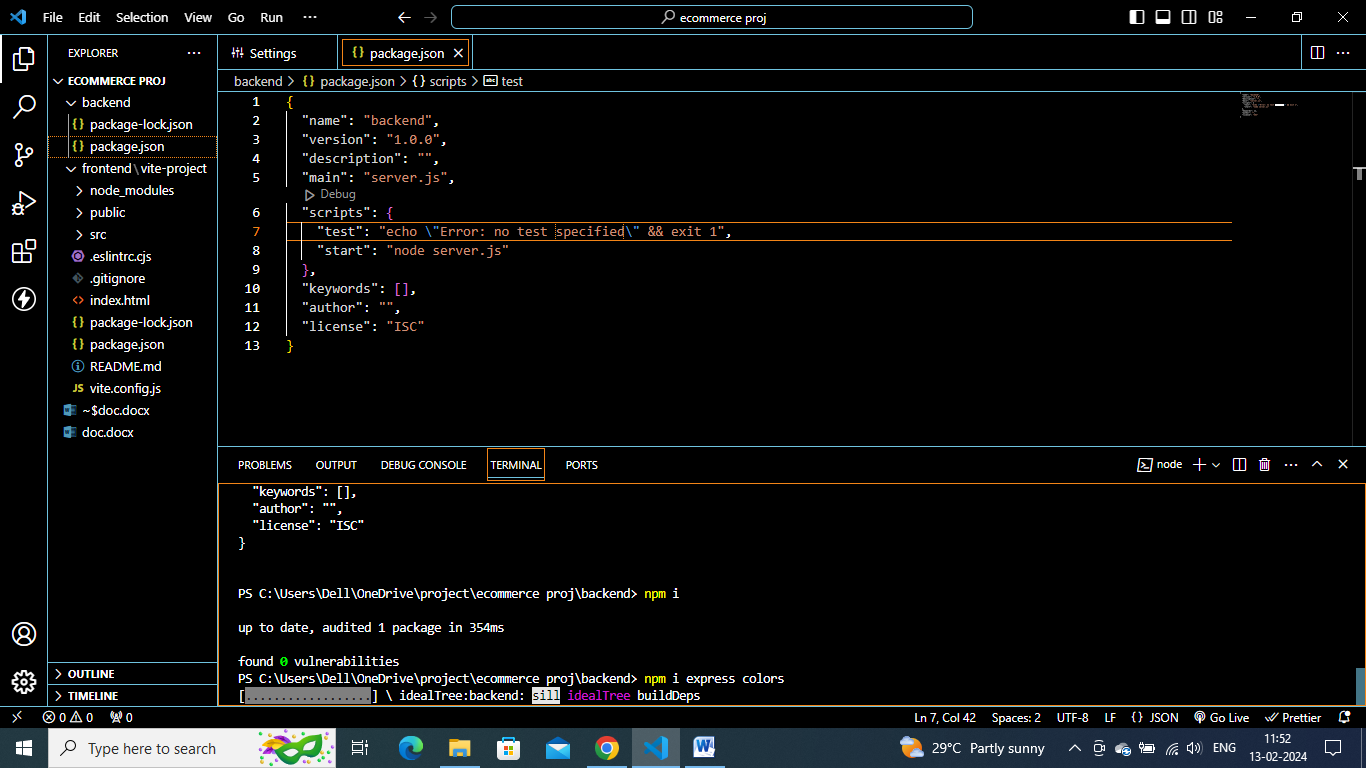


Can add start script like this.

By doing npm start this application will be running.

Can add author and keywords.

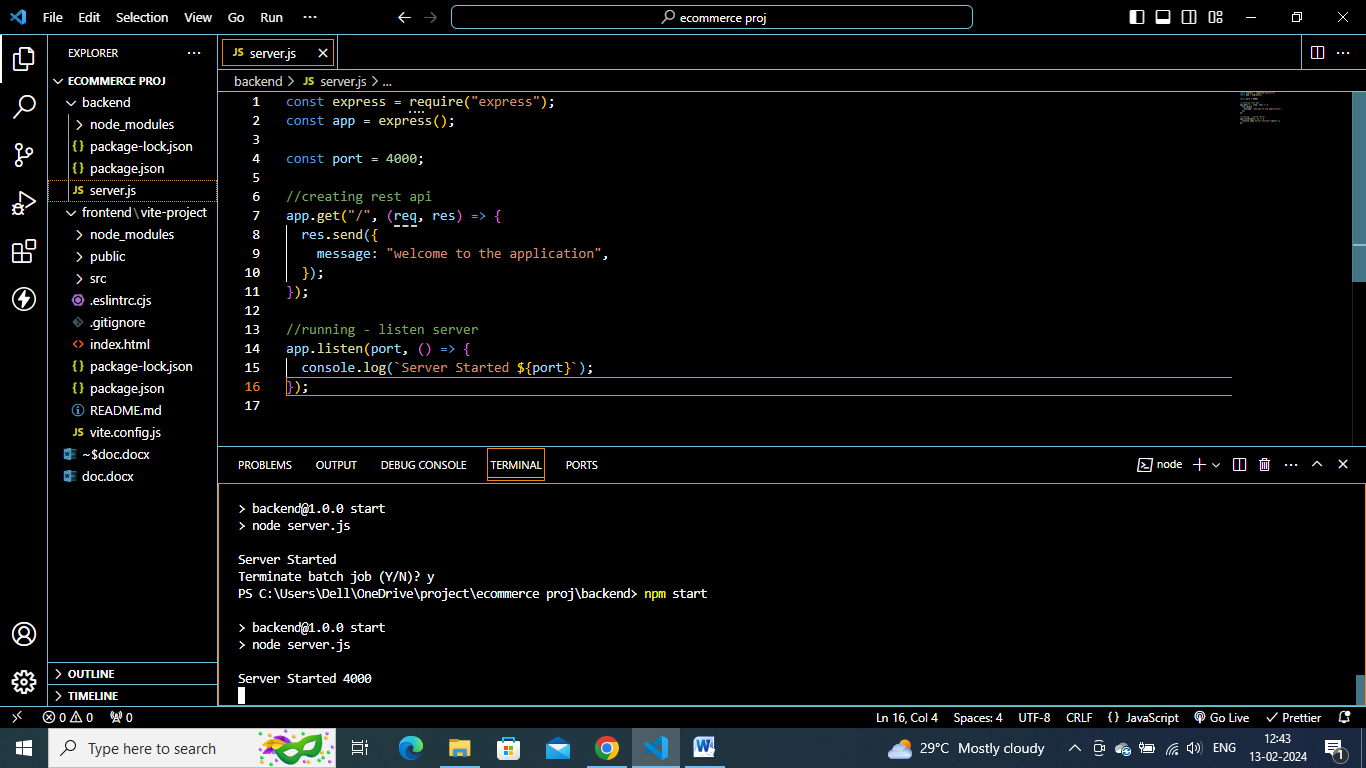
Npm I express colors’



Nodemodules and packagelock.json will be created.

**Creating server:**

Creating server.js file



Create server.js and run it using “node server.js” or “npm start”.

**Server.js:**

const express = require("express");

const app = express();

const port = 4000;

//creating rest api

app.get("/", (req, res) => {

  res.send({

    message: "welcome to the application",

  });

});

//running - listen server

app.listen(port, () => {

  console.log(`Server Started ${port}`);

});

import colors package:

const colors=require('colors');

  console.log(`Server Started ${port} `.bgCyan.white);

creating .env file :  
PORT= 4000

npm I dotenv morgan- morgan helps to check which url we hit.

**Server.js**

//configure env

const dotenv = require("dotenv").config();

if .env file is in other folder like that – then can mention path like this.

const dotenv = require("dotenv").config({path:''});

const port = process.env.PORT || 4000;

run application and check

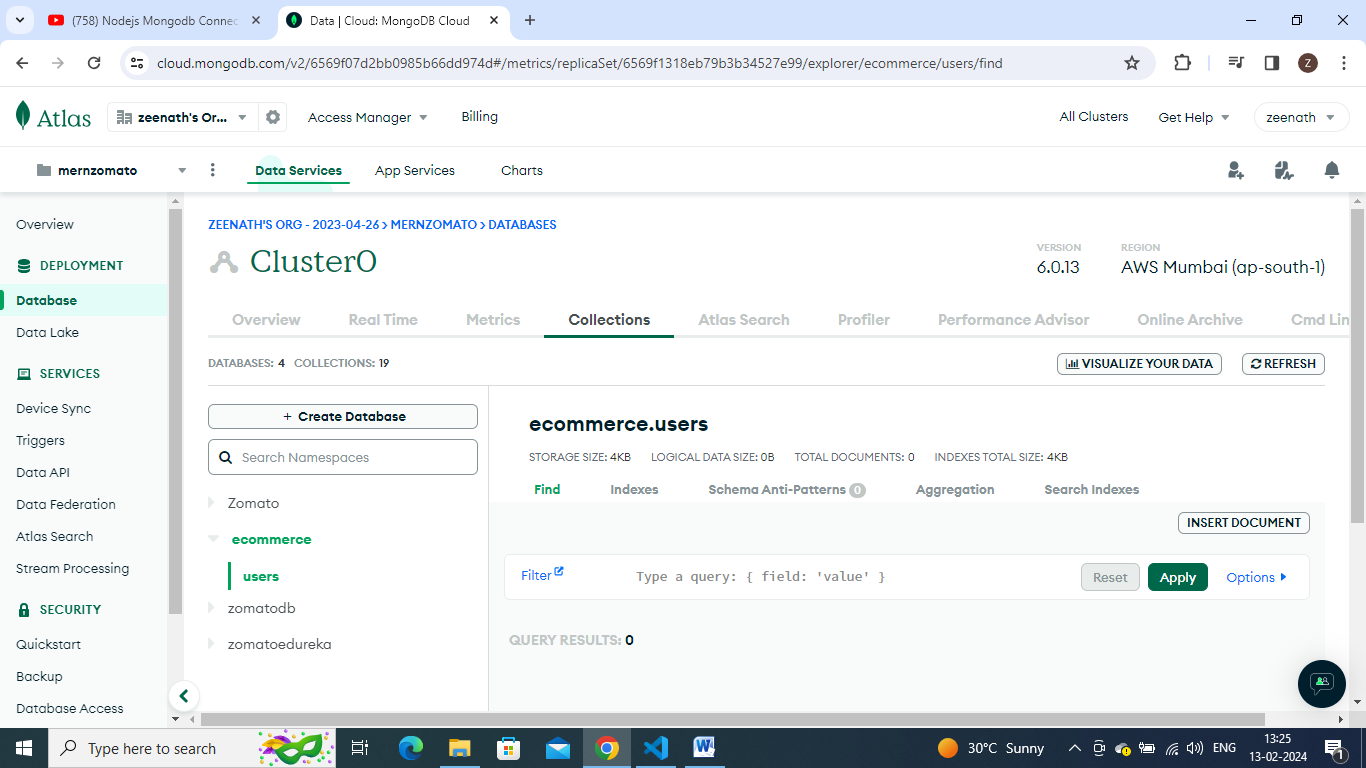
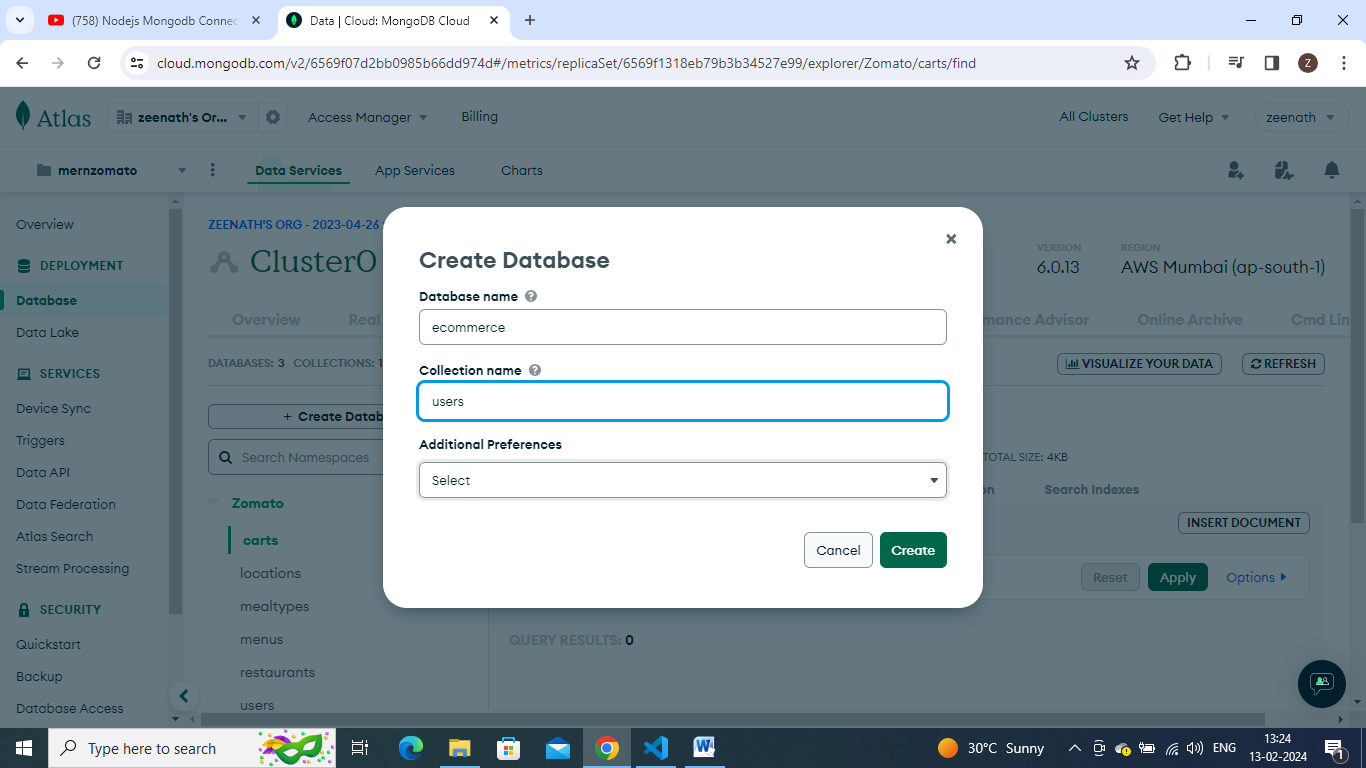
successfully created a server and somewt secured our project using .env file

**Connecting to mongodb:**

Install mongodb compass

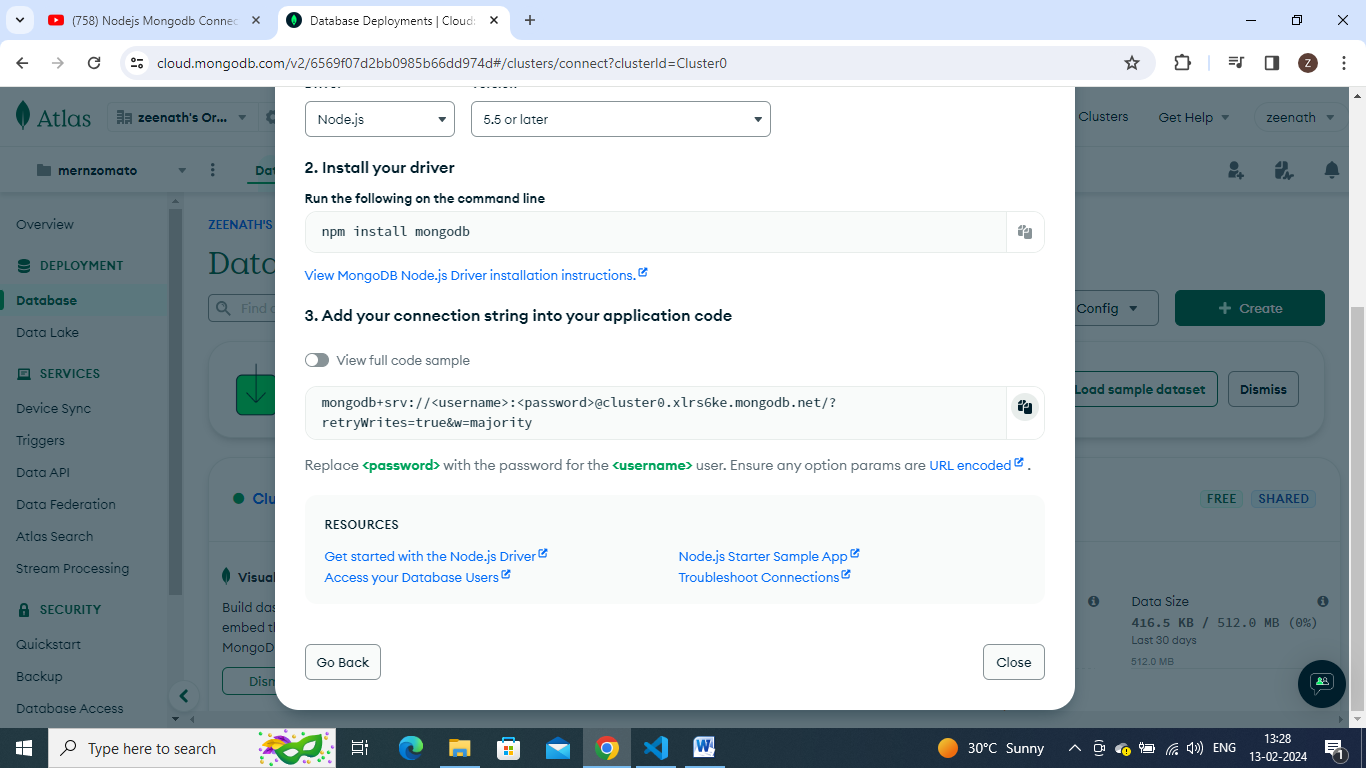
Create a free shared cluster in mongodb atlas.

Browse collections – create db and create collection



Before this in database access,create username and pswd and in network access, set ip addresses.

Go to database tab-> connect->



Copy connection link.

mongodb+srv://<username>:<password>@cluster0.xlrs6ke.mongodb.net/?retryWrites=true&w=majority

MONGO\_URL =mongodb+srv://<username>:<password>@cluster0.xlrs6ke.mongodb.net/?retryWrites=true&w=majority

Create a variable like this in .env file

MONGO\_URL =mongodb+srv://zomatoedureka:zomatoedureka@cluster0.xlrs6ke.mongodb.net/ecommerce?retryWrites=true&w=majority

Add username,pswd and db name

**Create config folder> db.js**