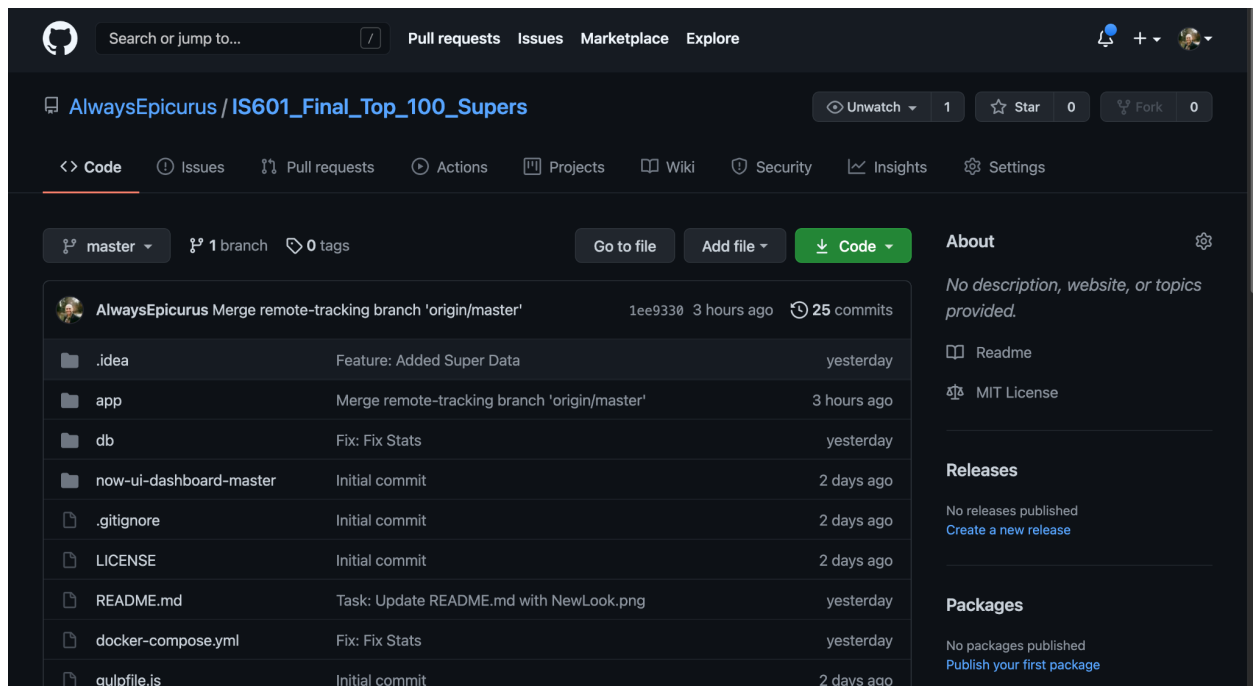


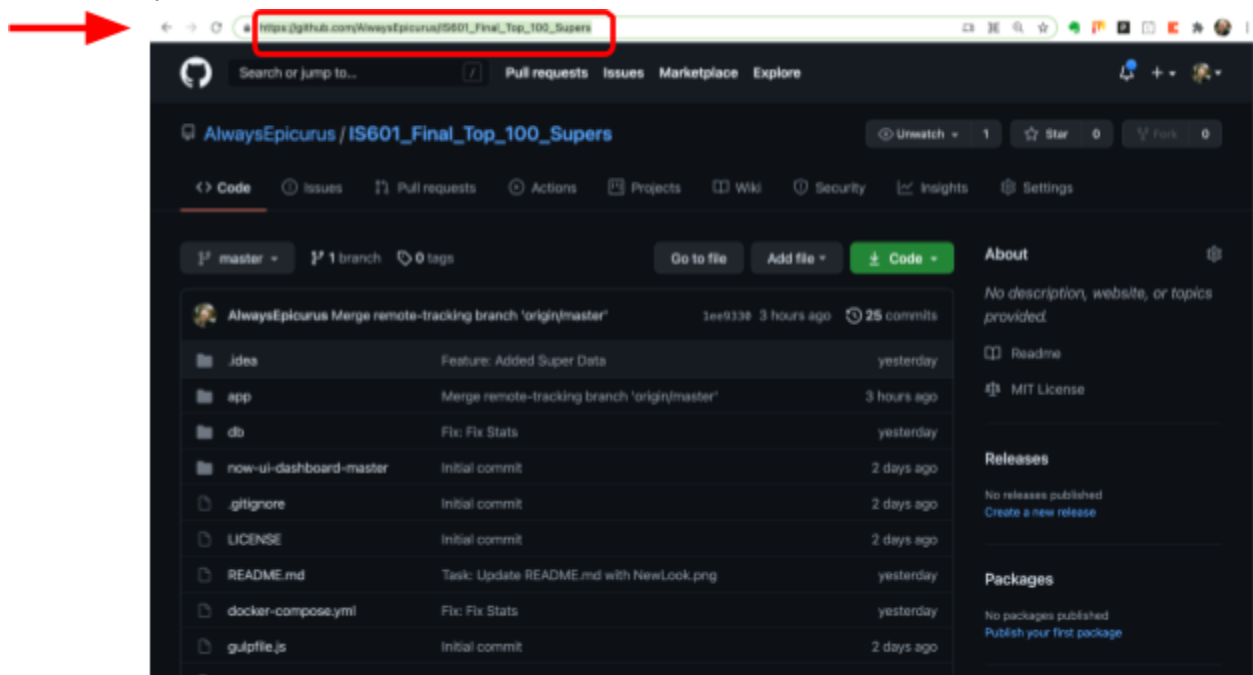
Installation instructions for using the app with Docker

Using Pycharm with Docker Installed

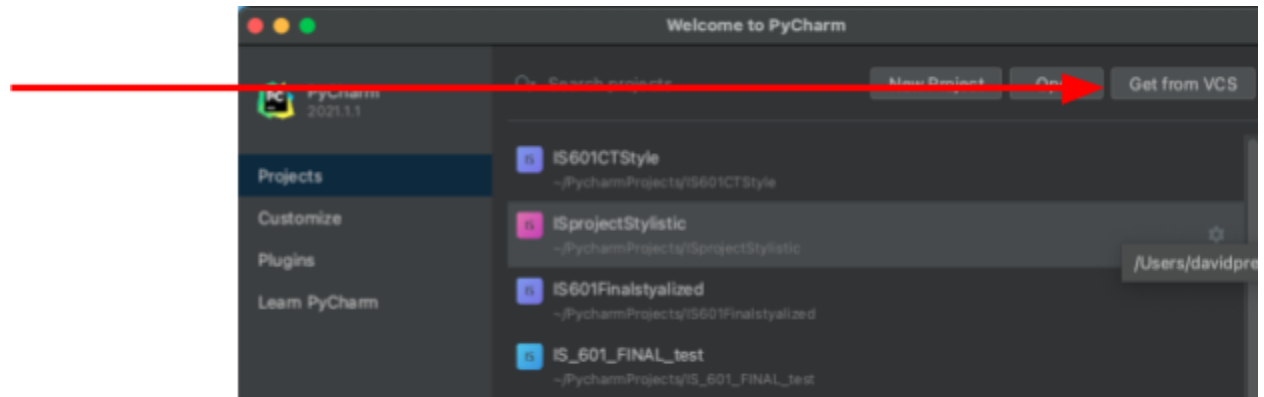
1. Go to either: <https://github.com/AlwaysEpicurus/IS601CTStyle> or https://github.com/AlwaysEpicurus/IS601_Final_Top_100_Supers



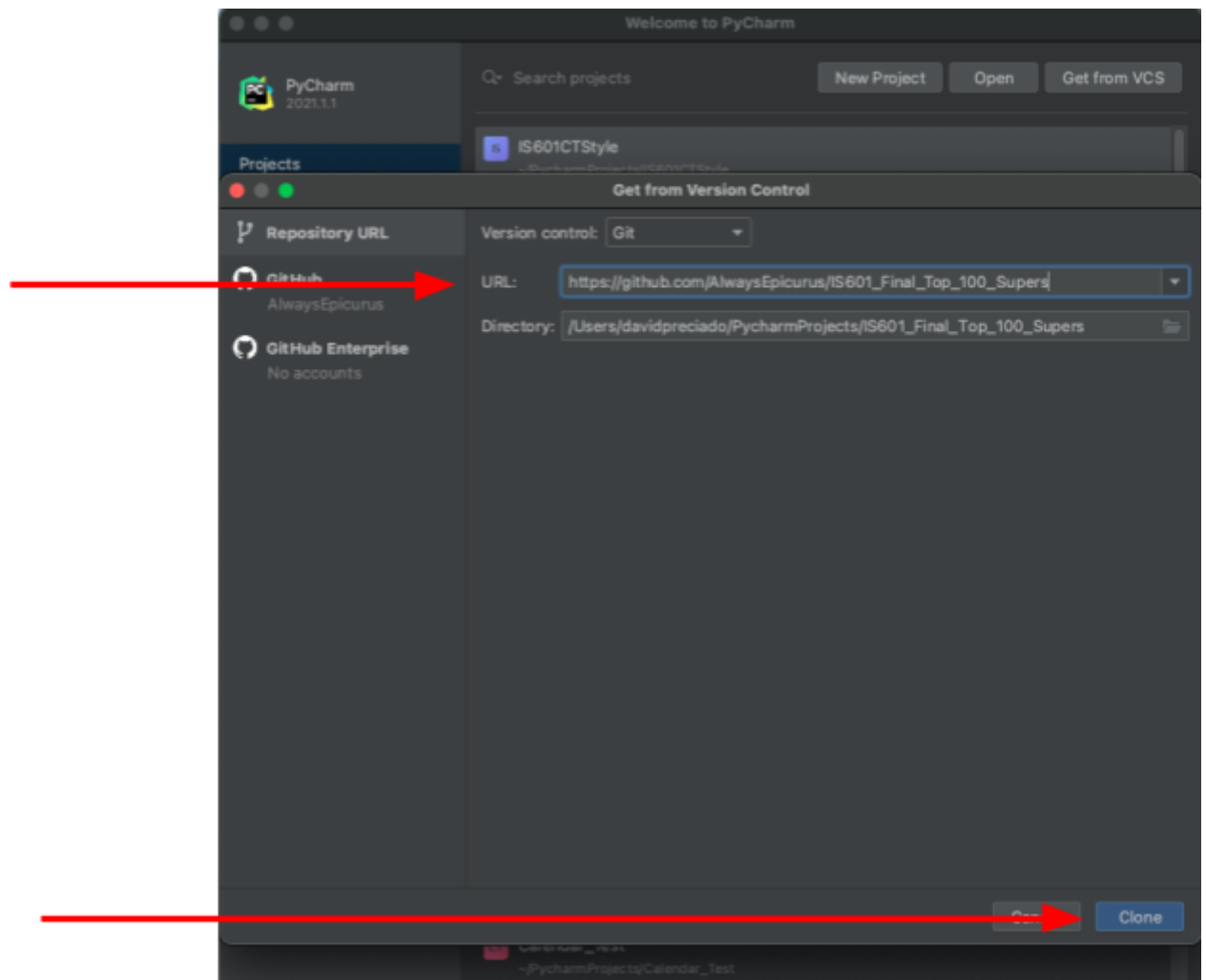
2. Copy URL



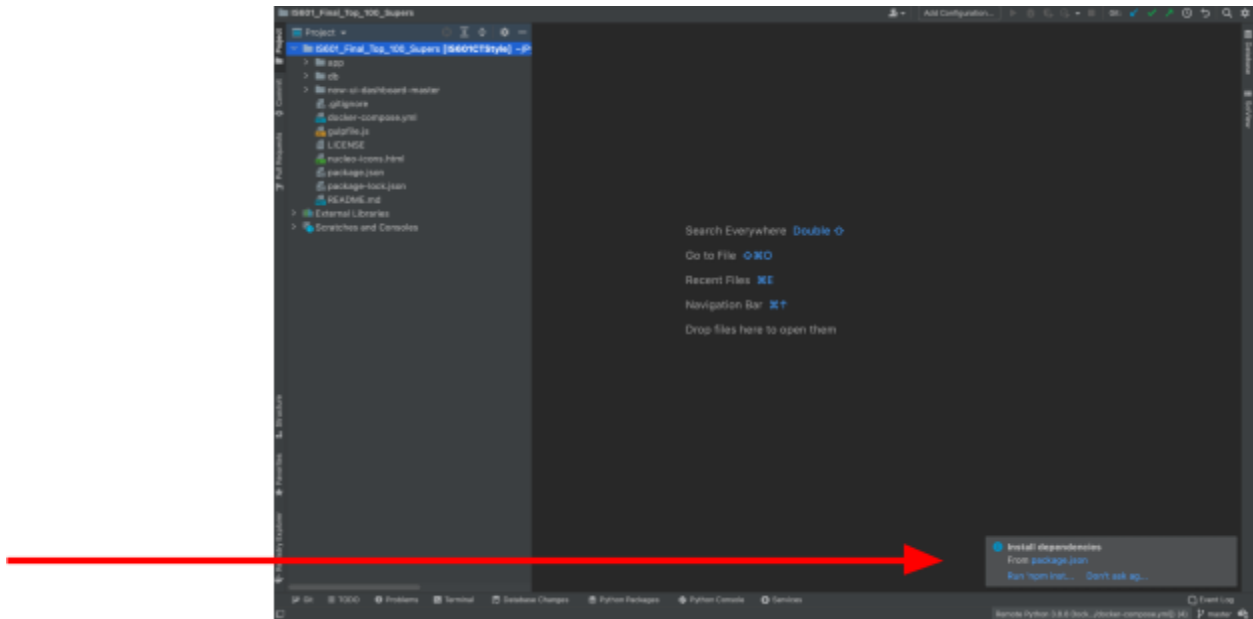
3. Open Pycharm and click on "Get from VCS"



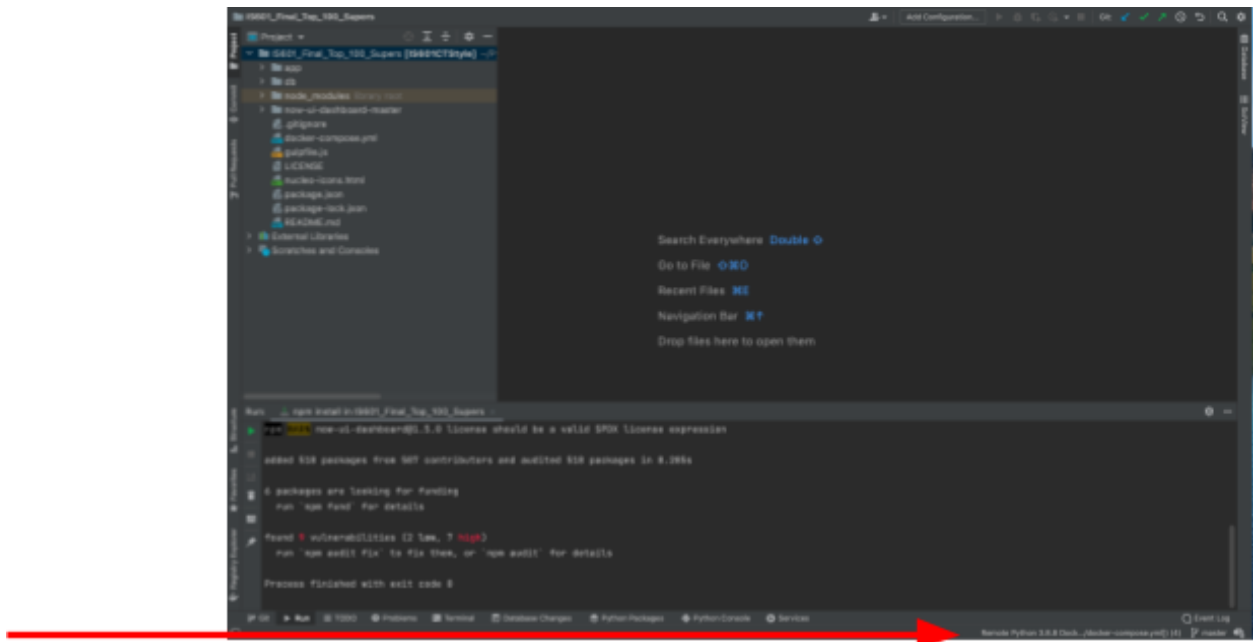
4. Past URL into “URL” field Click Clone



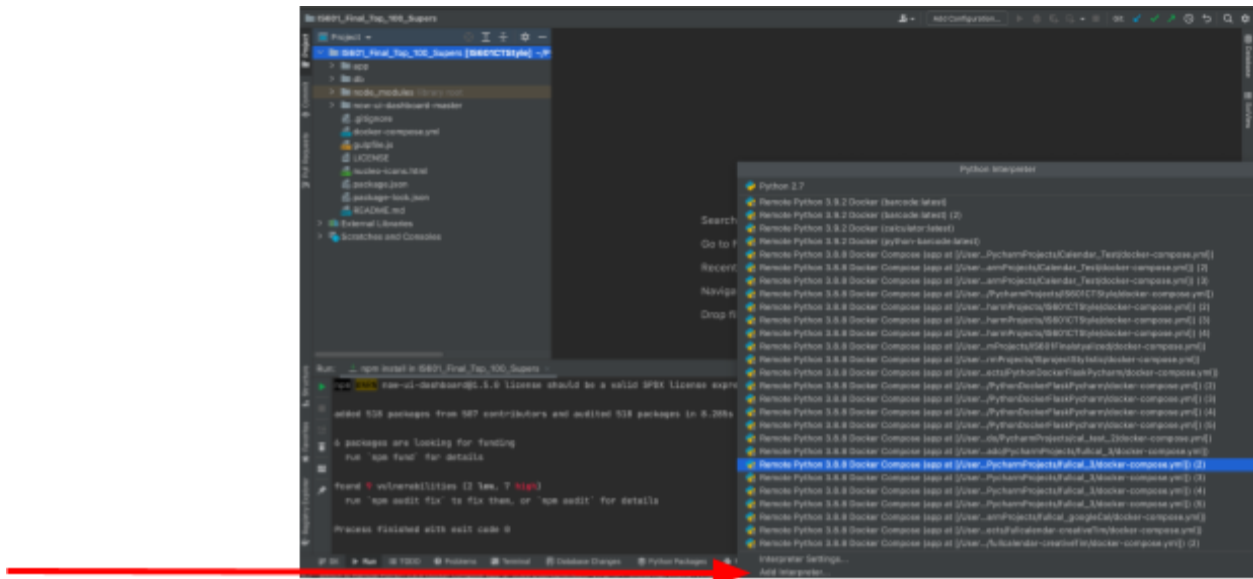
5. Install any dependencies, package.json, etc by clicking on “Run ‘npm inst...”



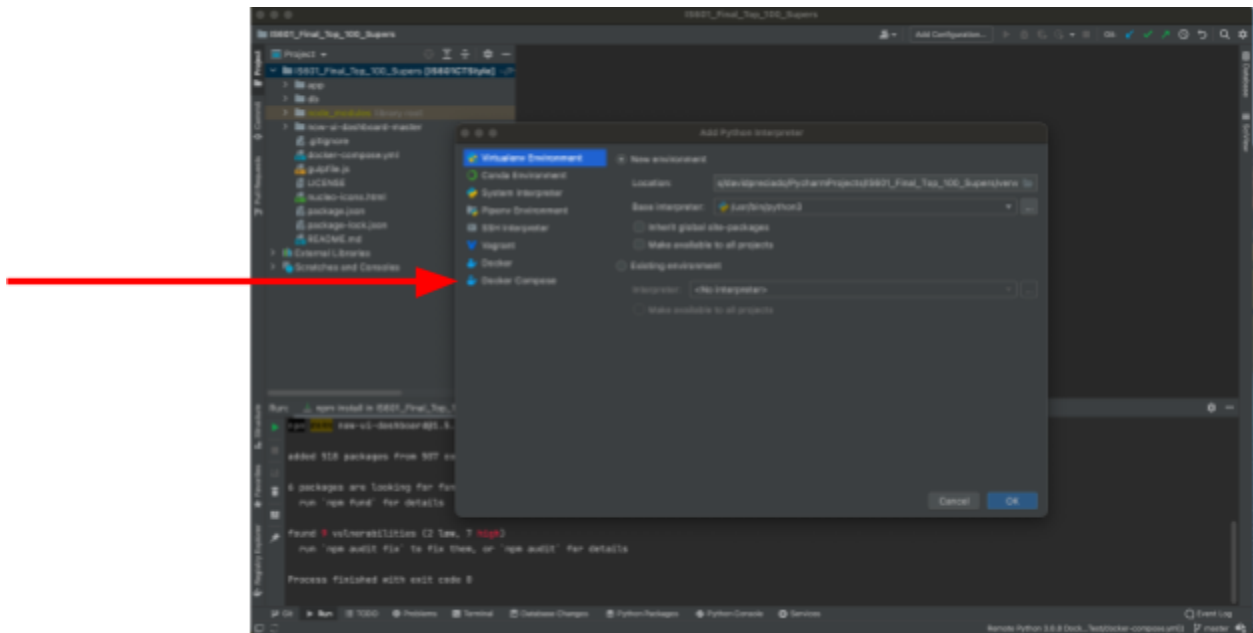
6. Add Interpreter - Docker Compose
 - a. Click on your current Interpreter



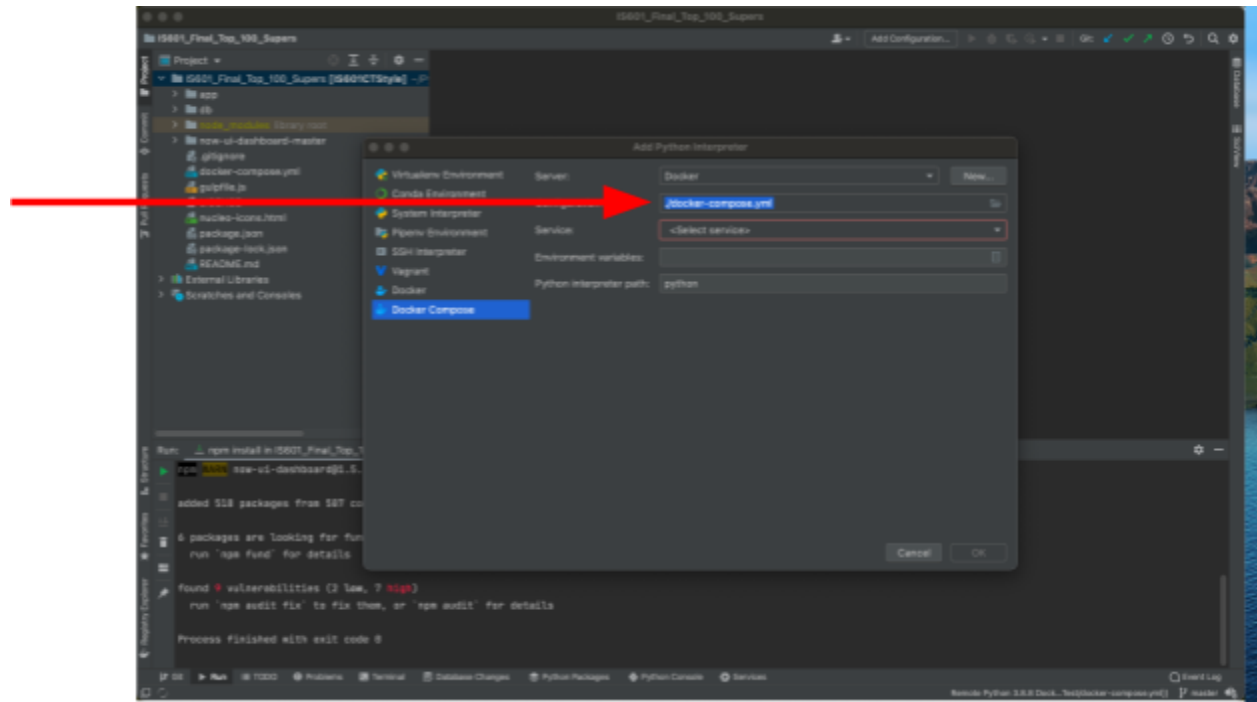
- b. Click "Add Interpreter"



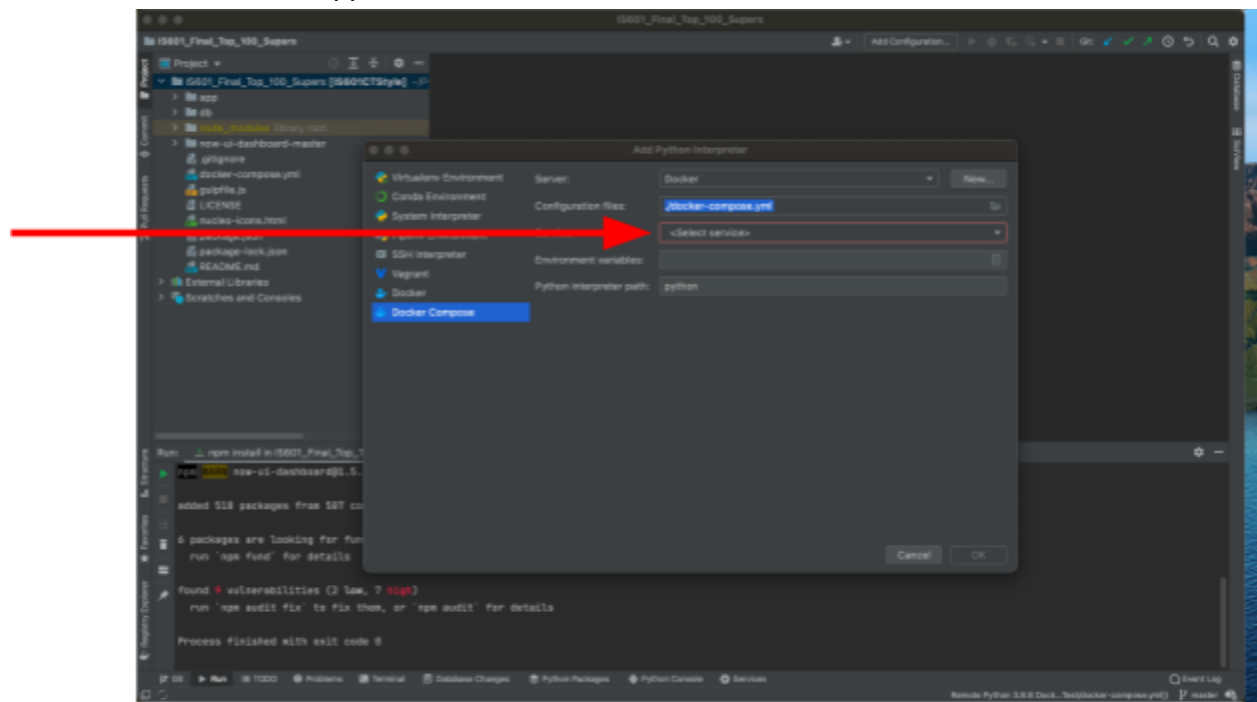
c. Click on "Docker Compose"

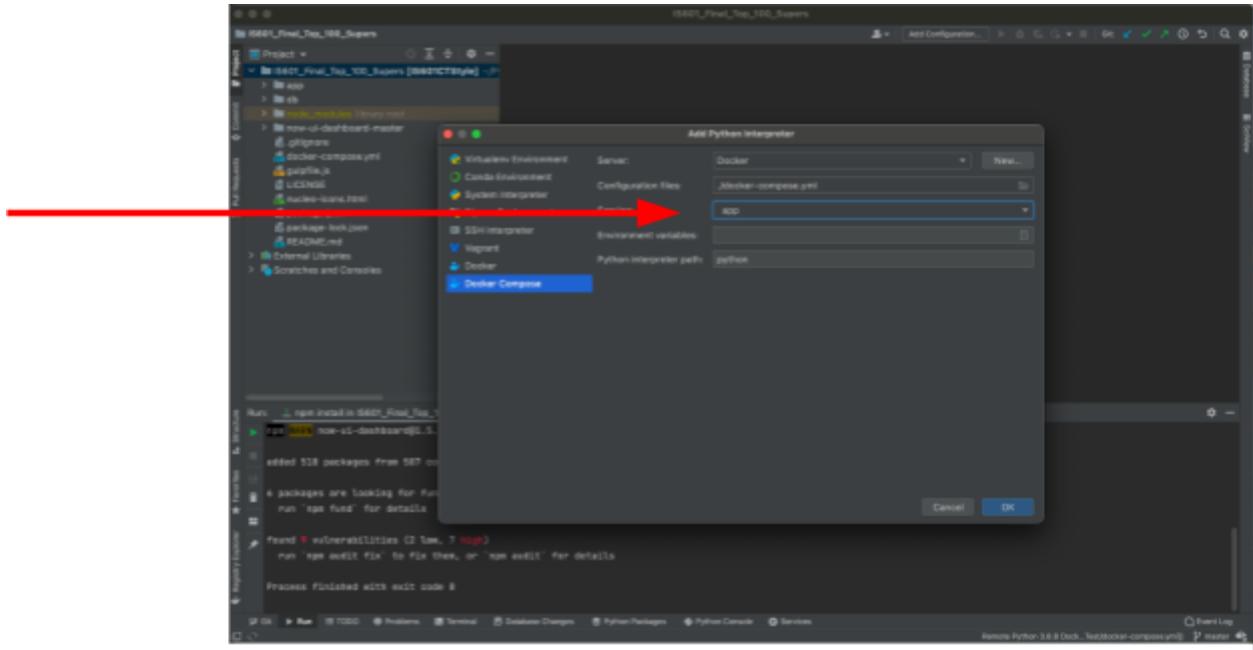


d. Make sure configuration file is `./docker-compose.yml`

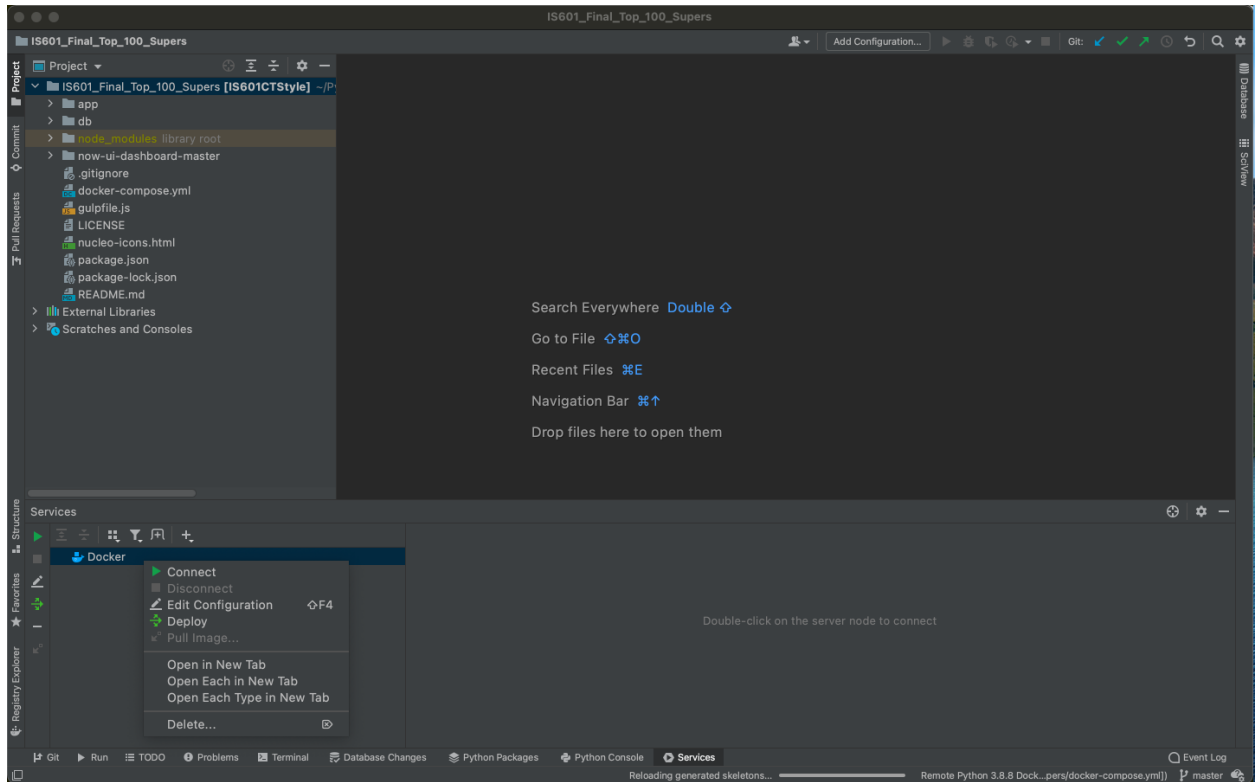


e. Choose “app” as Service



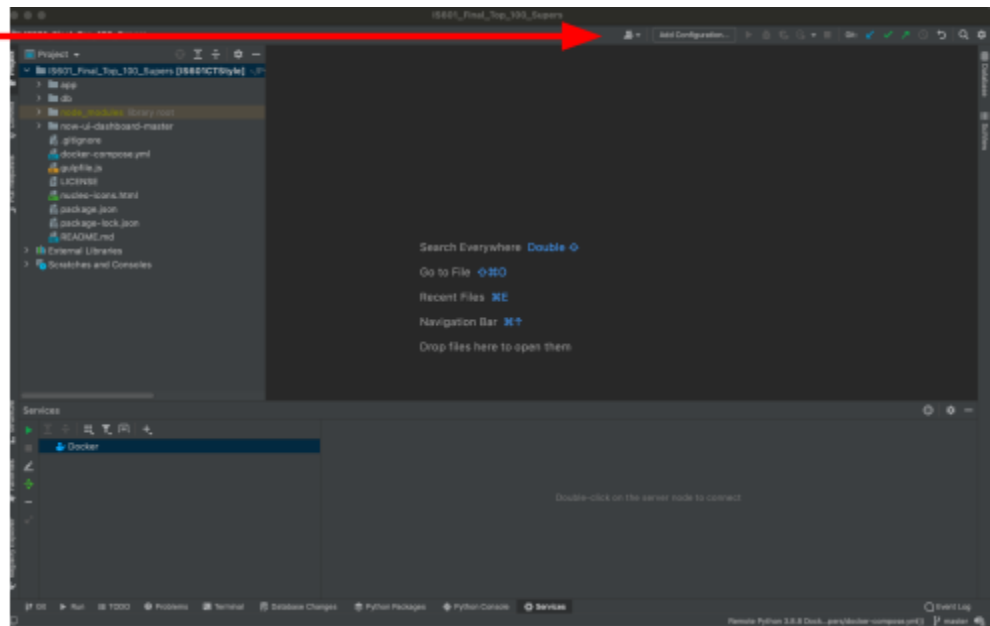


7. Make sure all Docker Services are down and containers stopped

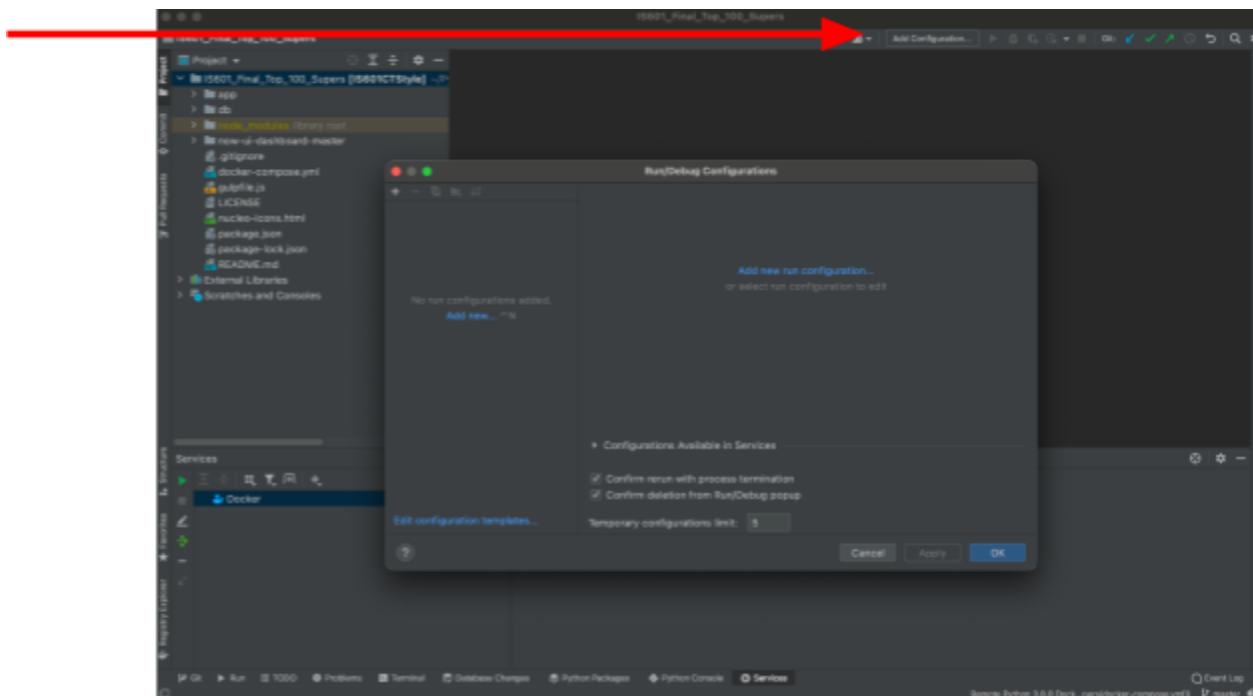


8. Add Docker Compose Configuration

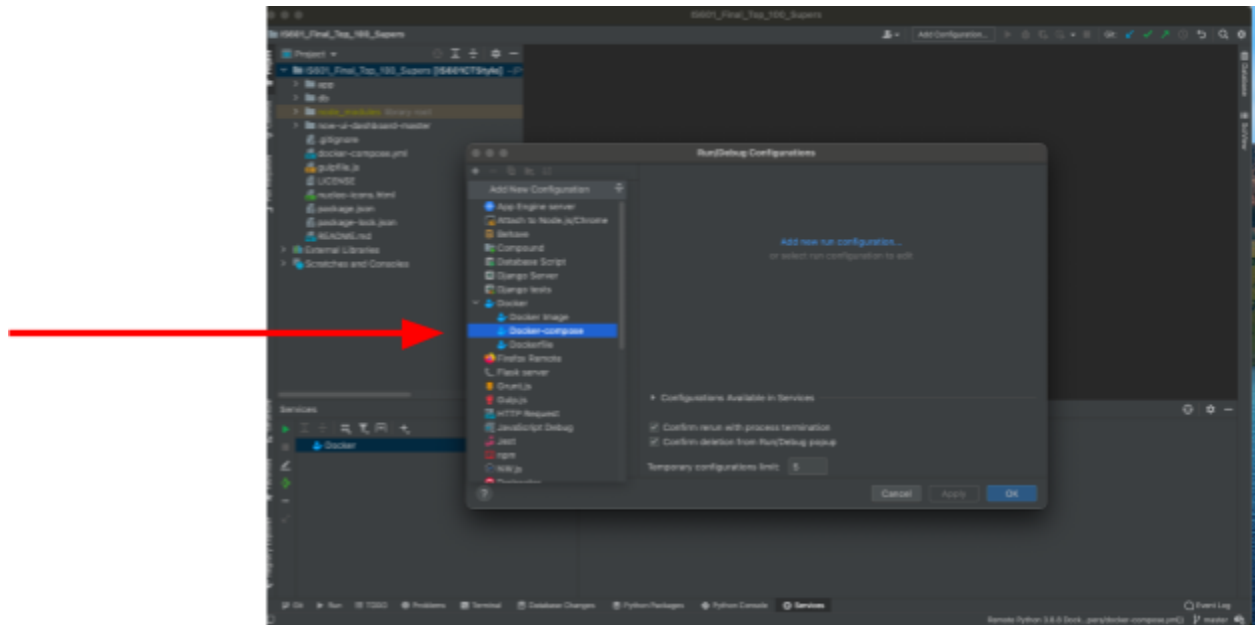
a. Click on “Add Configuration”



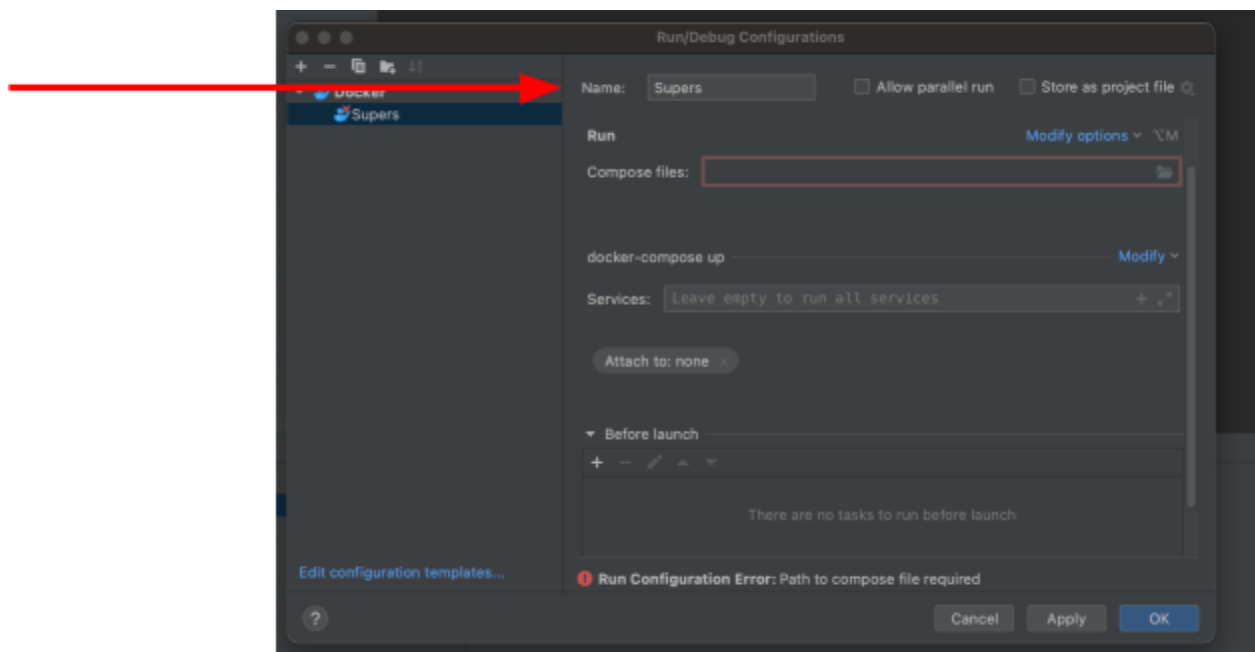
b. Click on “+”



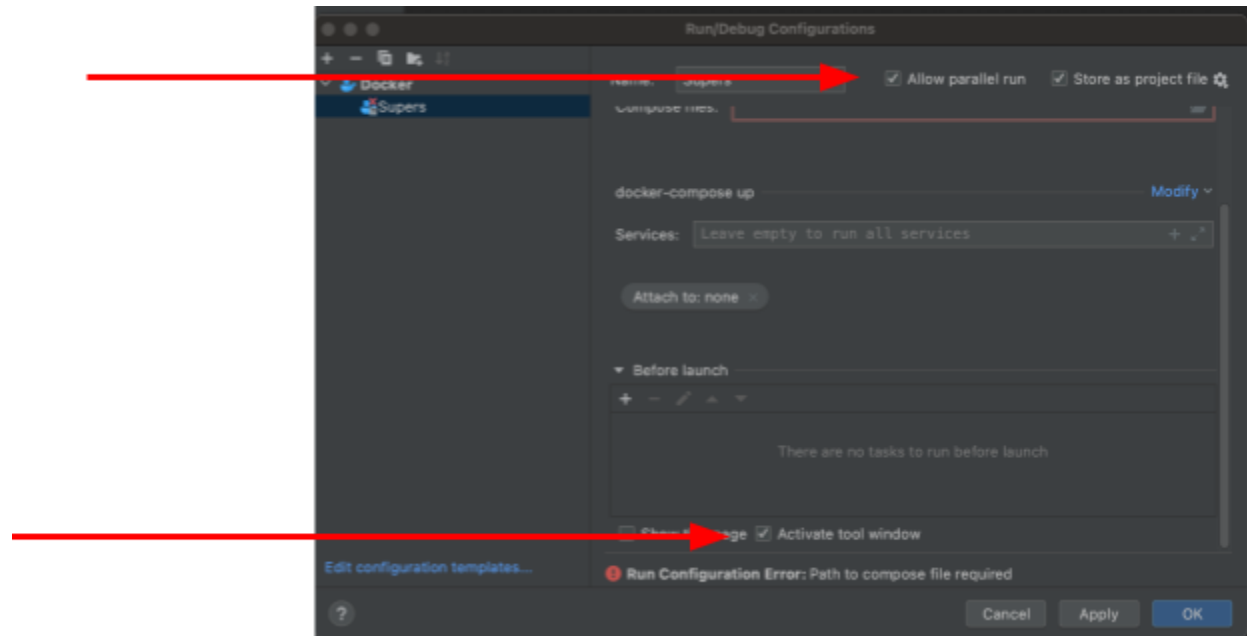
c. Select “Docker-Compose”



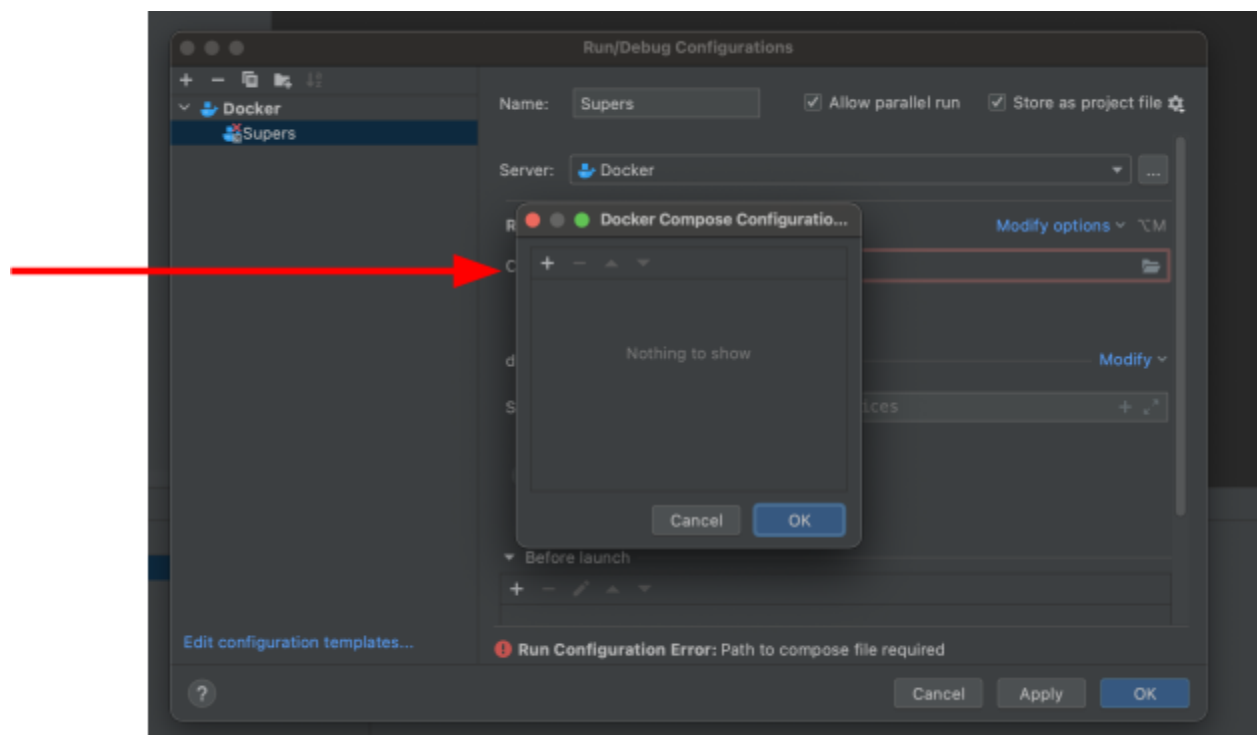
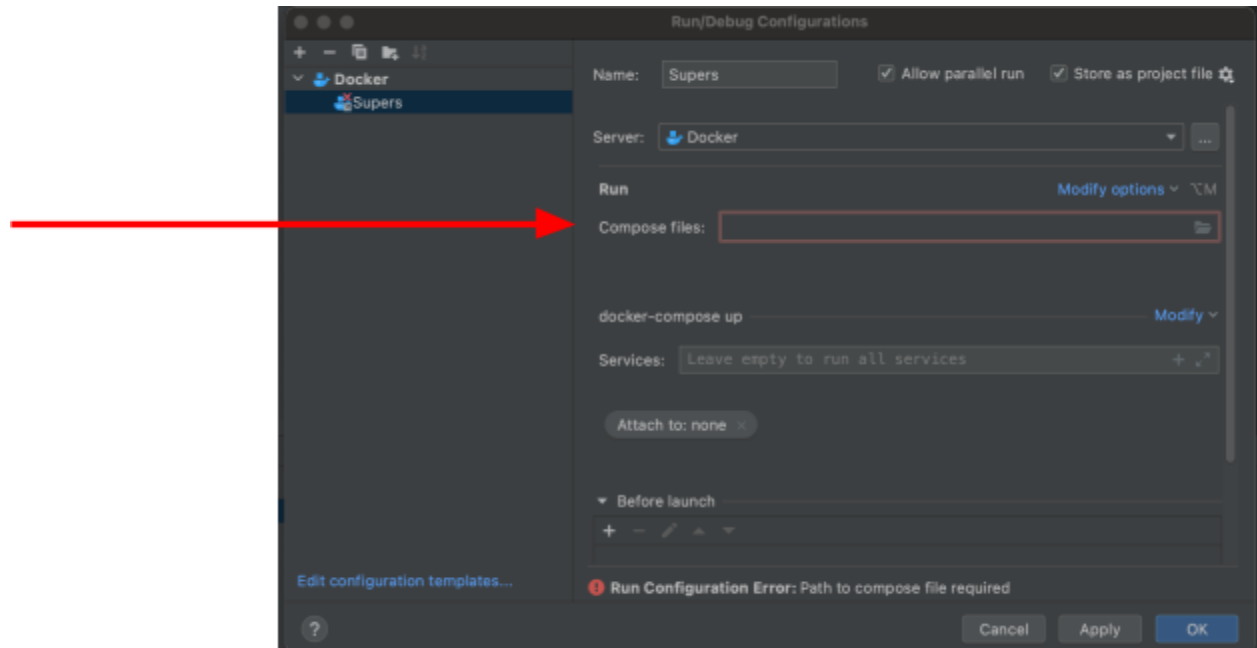
d. Add "Name"

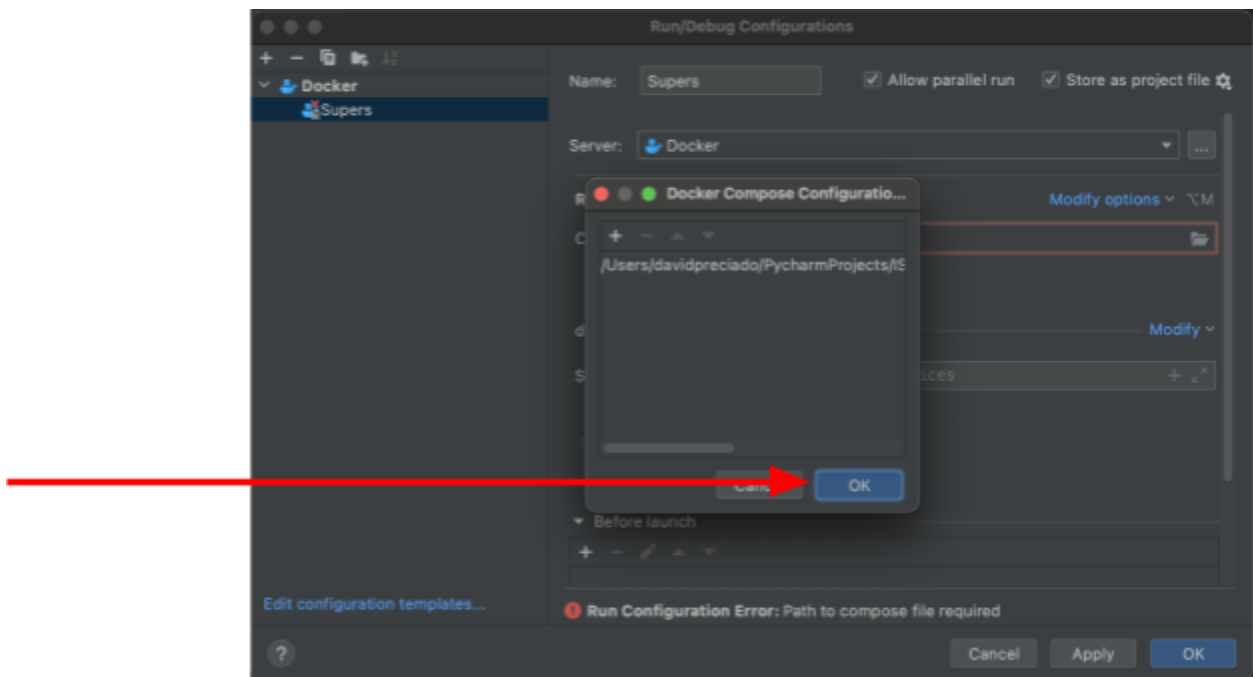
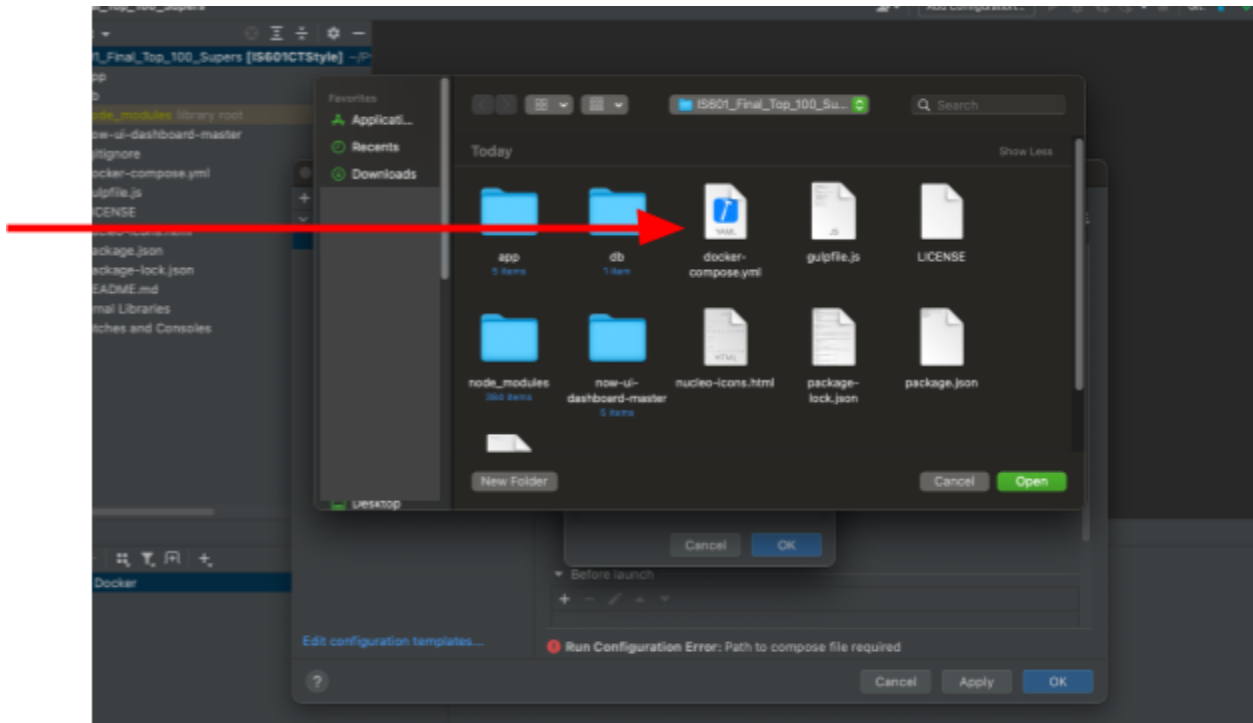


e. Select "Allow parallel run" and "Store as project file" - Make sure "Activate tool window" is selected too

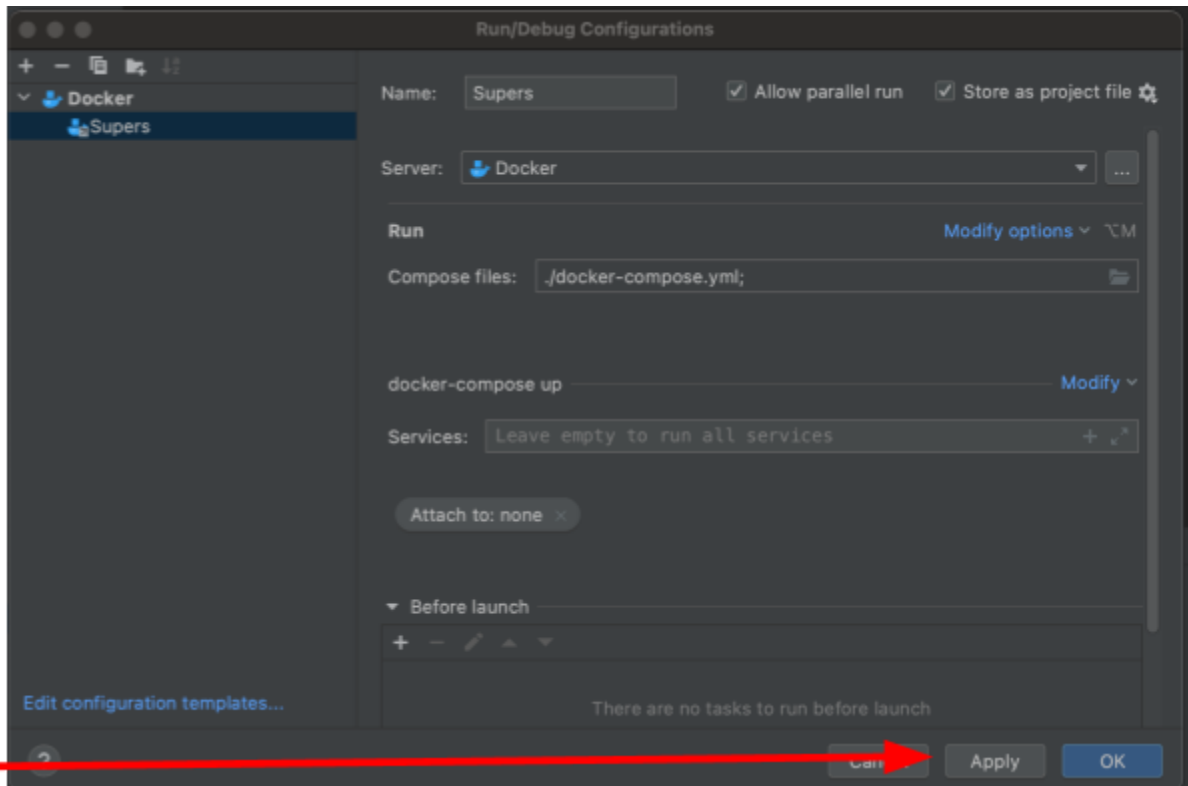


f. Find your Docker Compose file

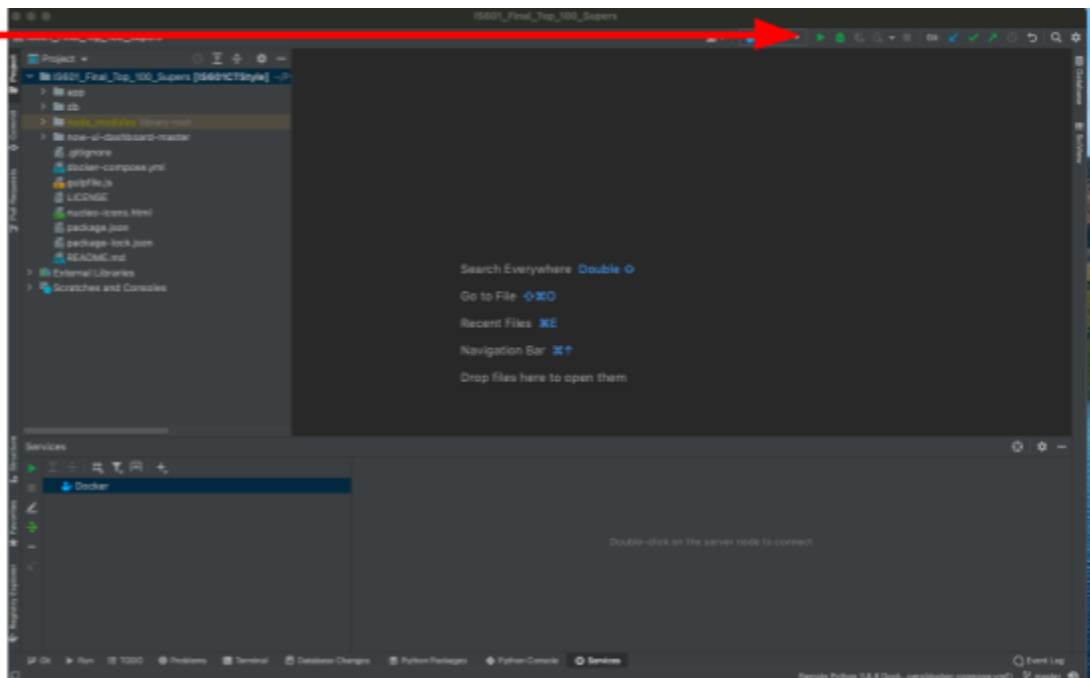




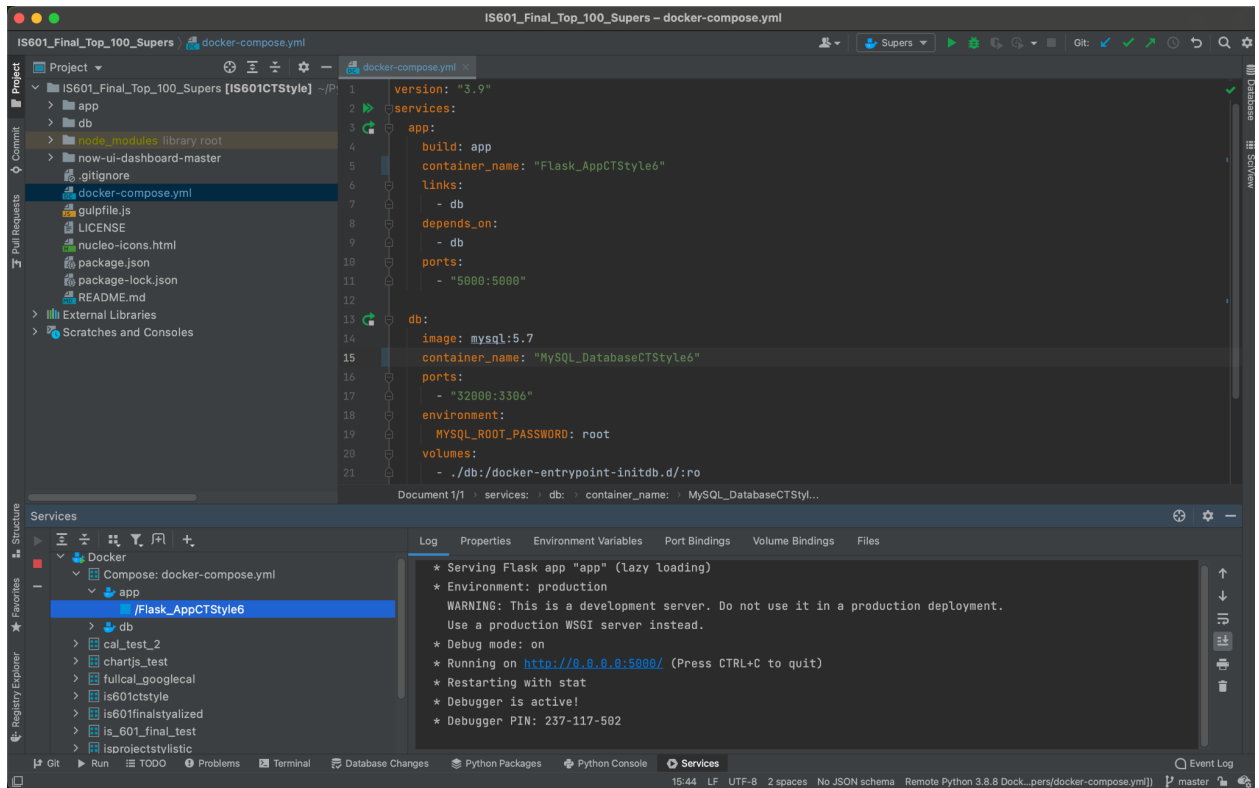
g. Click "Apply" then "Okay"



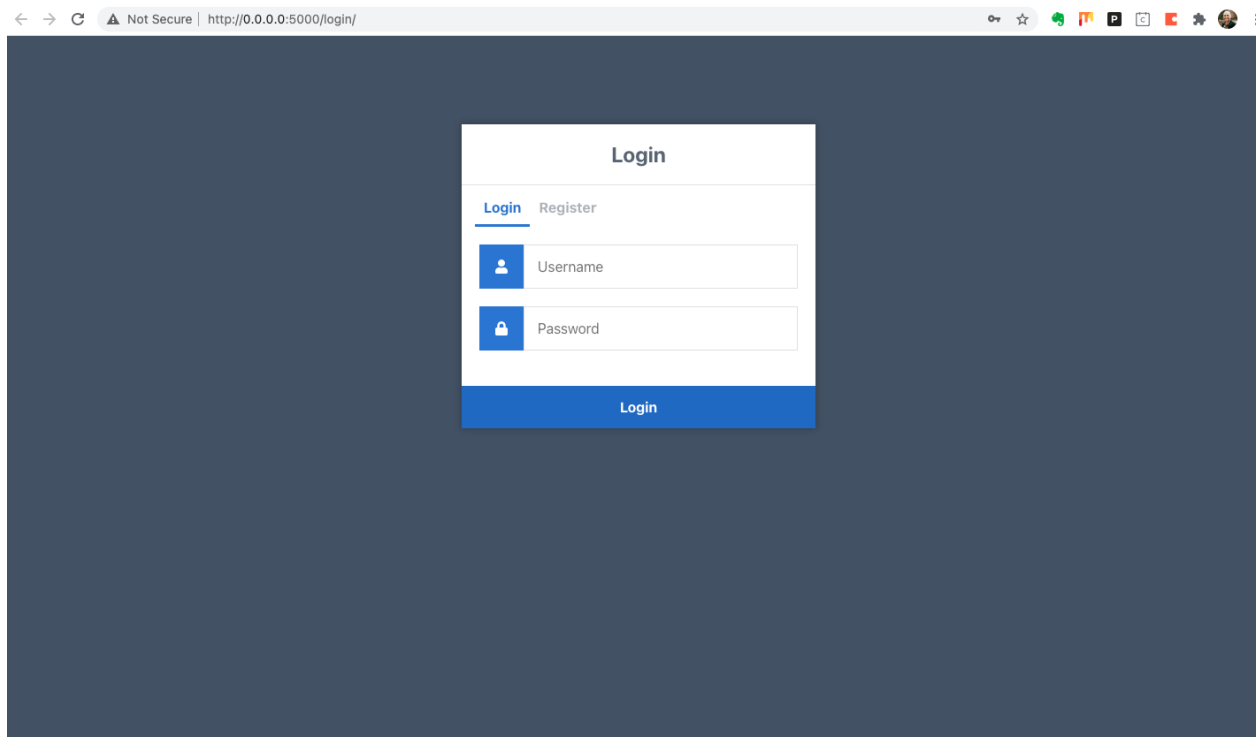
9. Run the program by clicking the green play button



10. Drill down in Services → Docker → ... to app then container

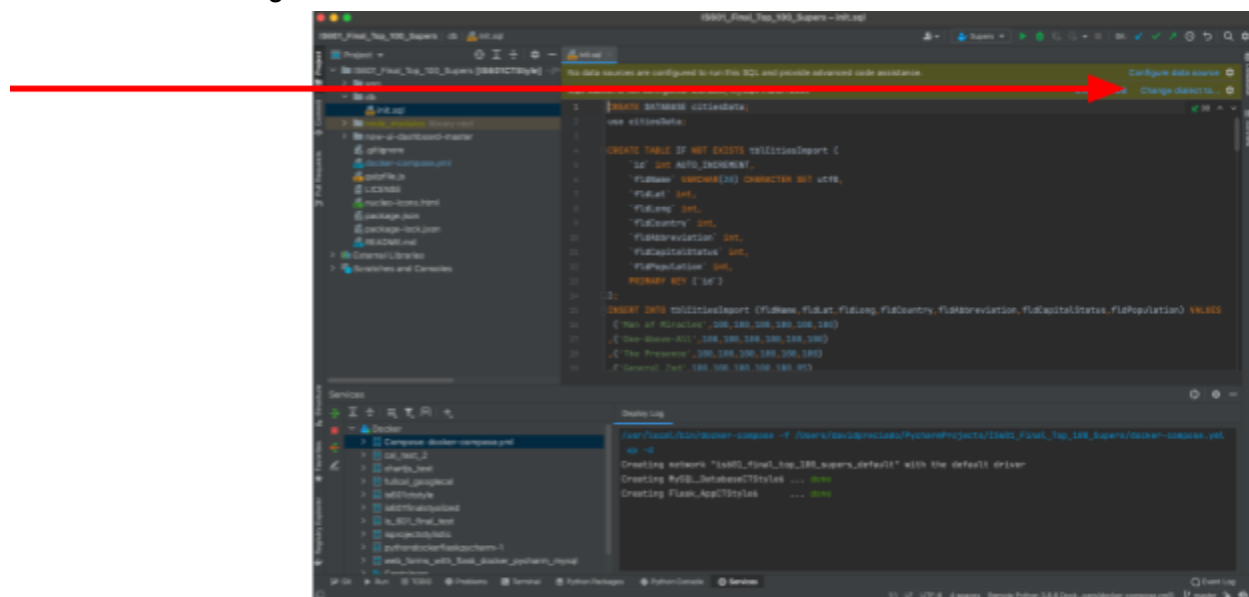


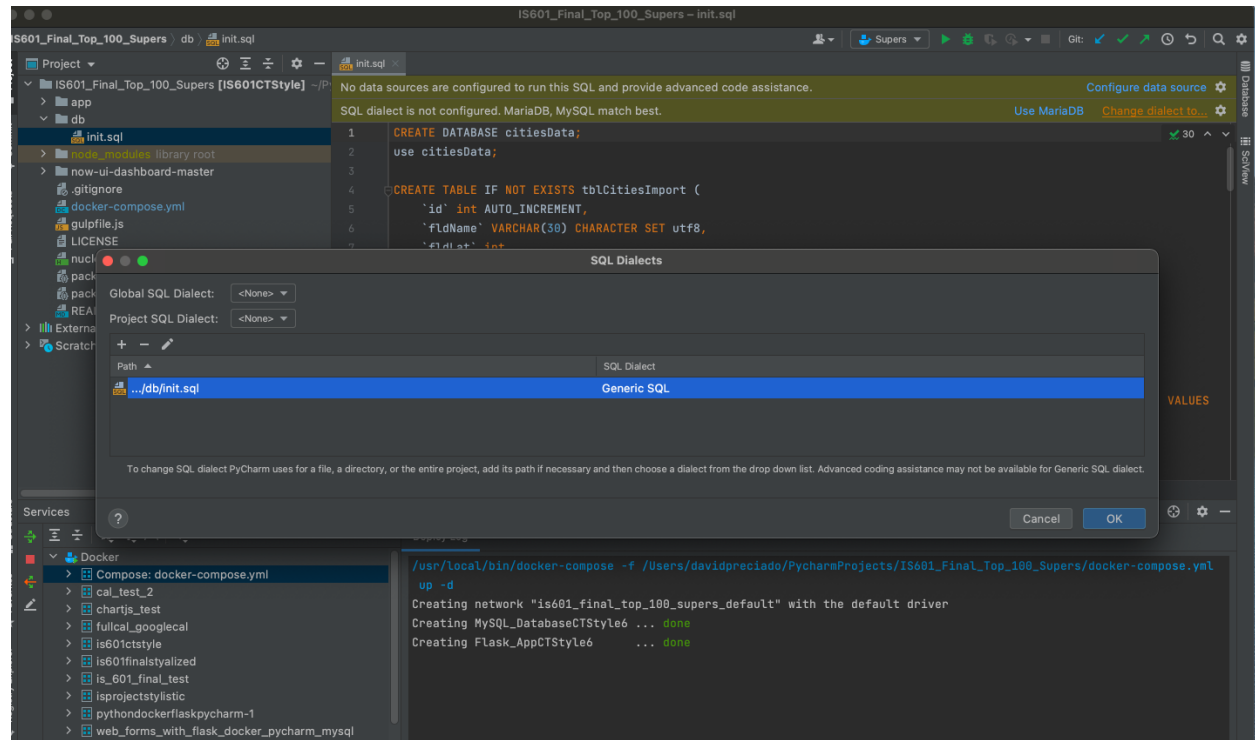
11. Click on <http://0.0.0.0:5000/>



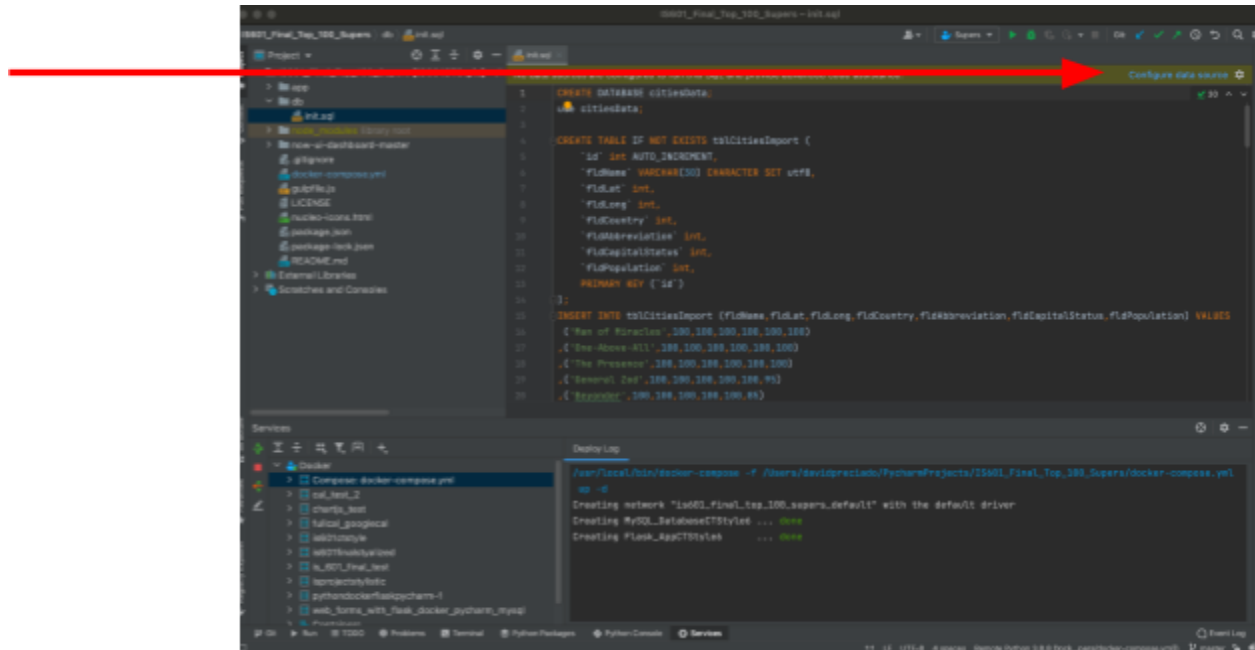
12. Add SQL dialect and Configure data source

a. Open `init.sql` (`app/db/init.sql`)

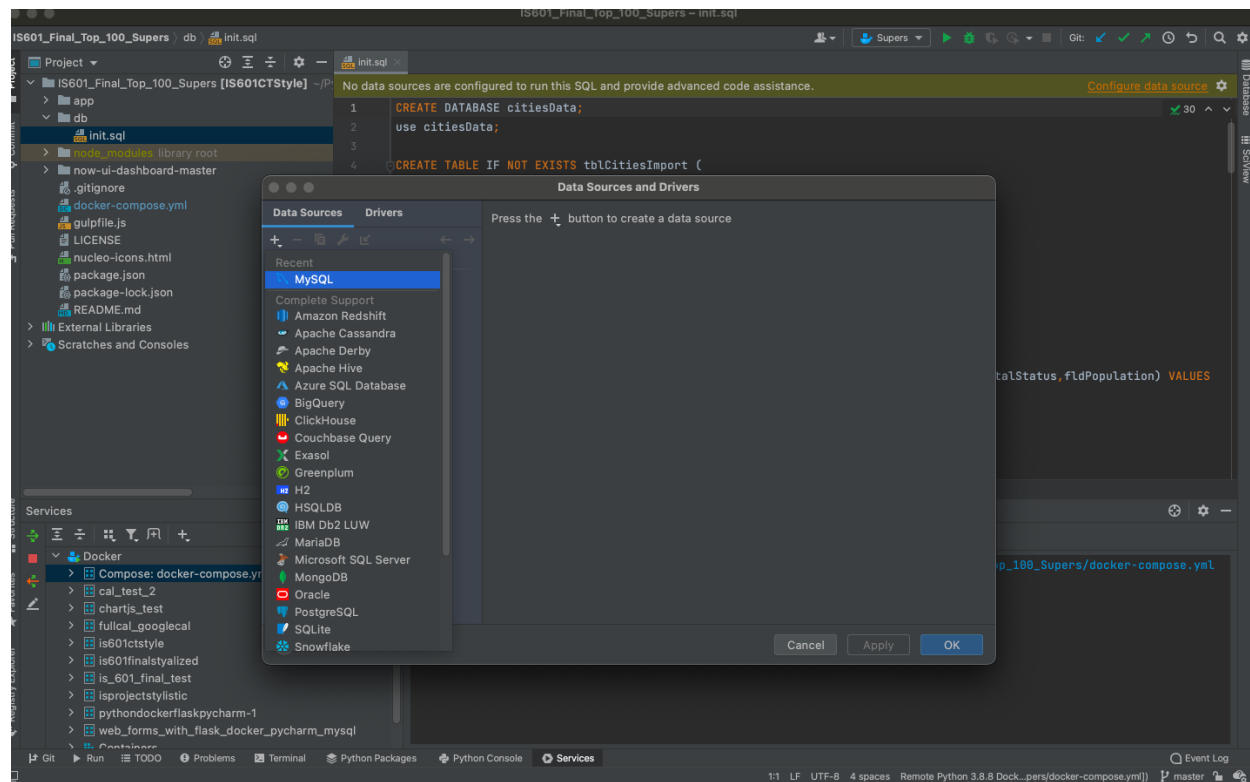




c. Configure data source

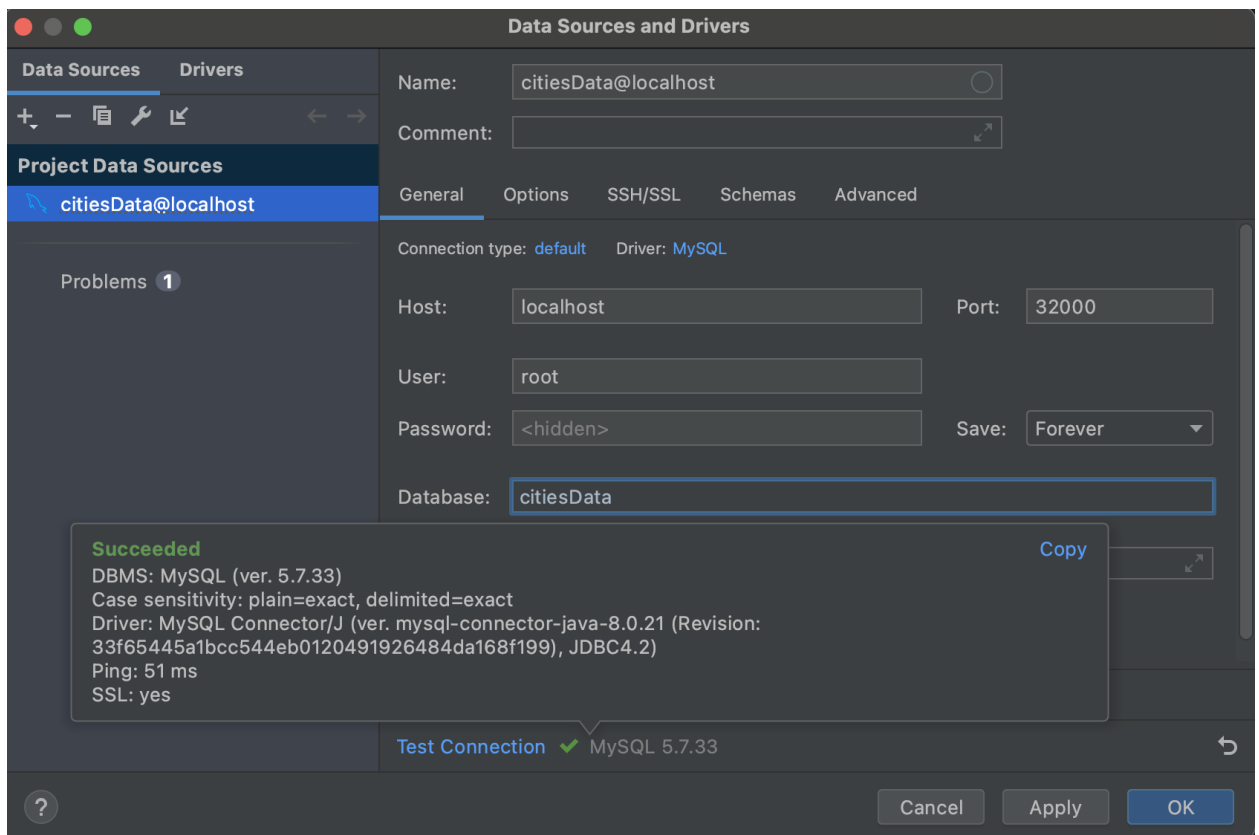
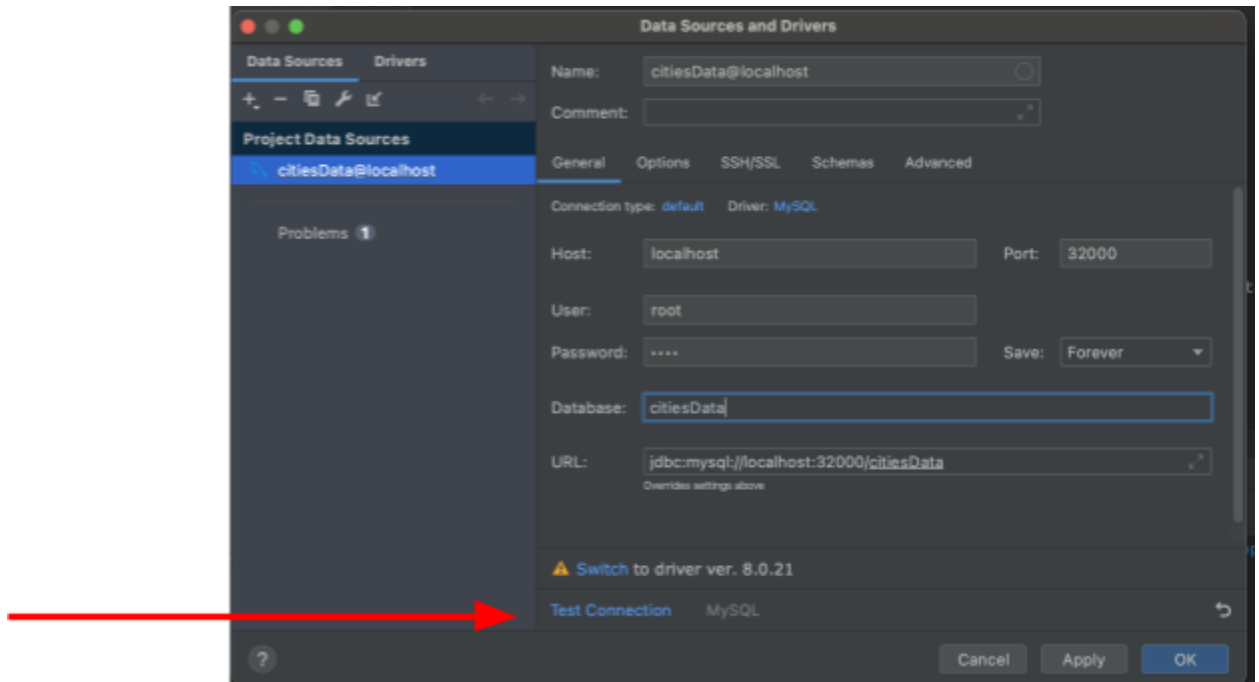


d. Click "+" and choose MySQL

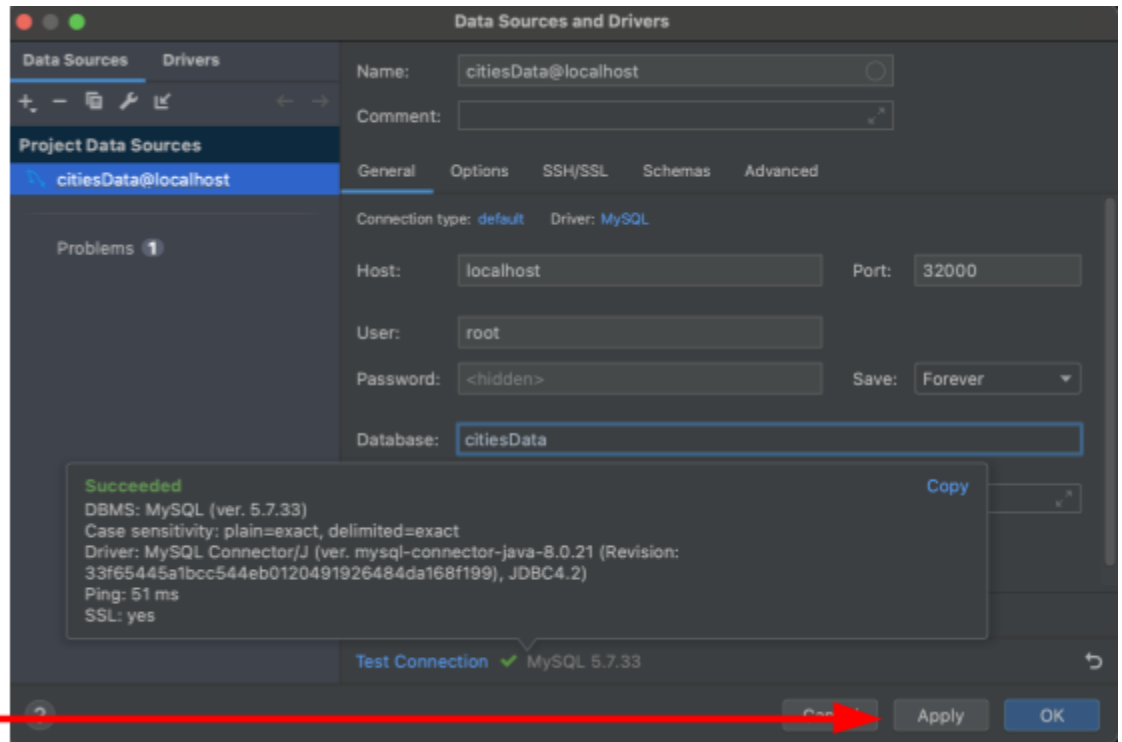


e. Add Name, Port, User, PW Database then Test

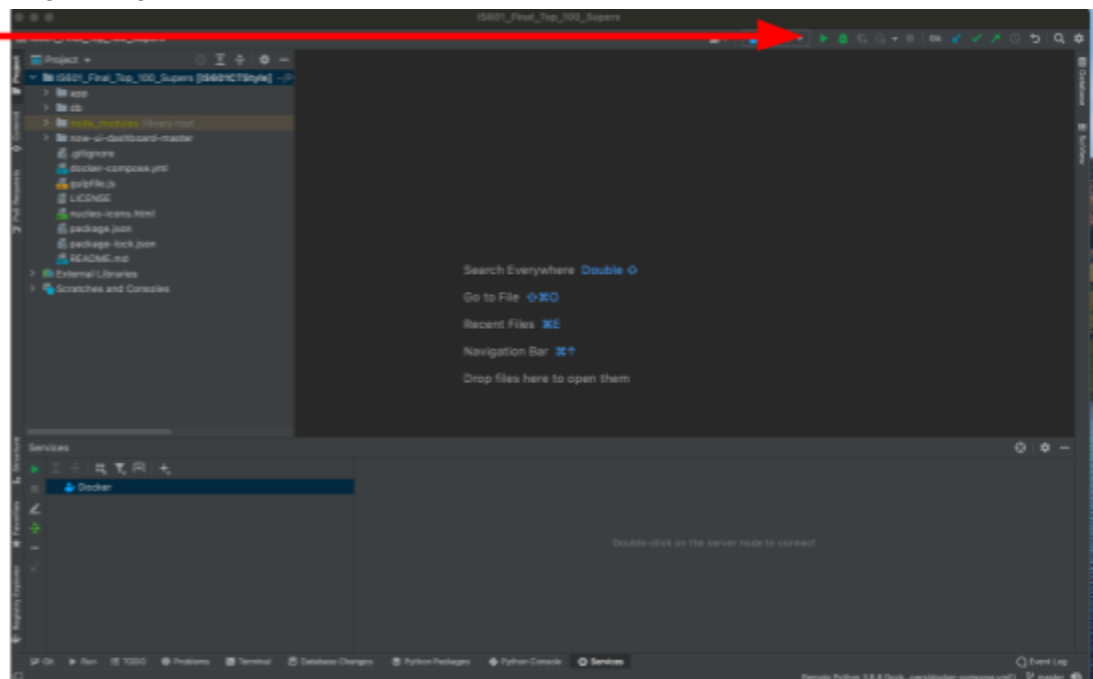
- i. Name: citiesData@localhost
- ii. Port: 32000
- iii. User: root
- iv. PW: root
- v. Database: citiesData



13. Click “Apply” then “Okay”



14. Run program again



15. If you run into trouble first run this in terminal

```
% docker-compose build --no-cache
```

```
% docker-compose -f docker-compose.yml up -d
```