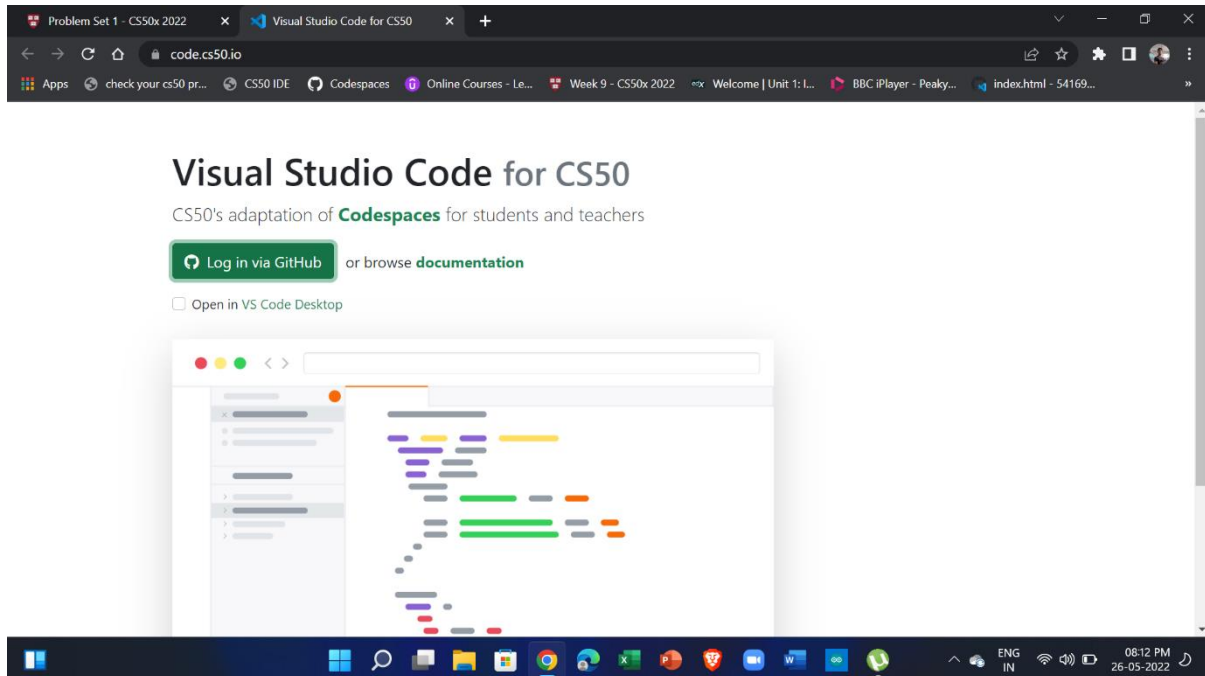


To run app

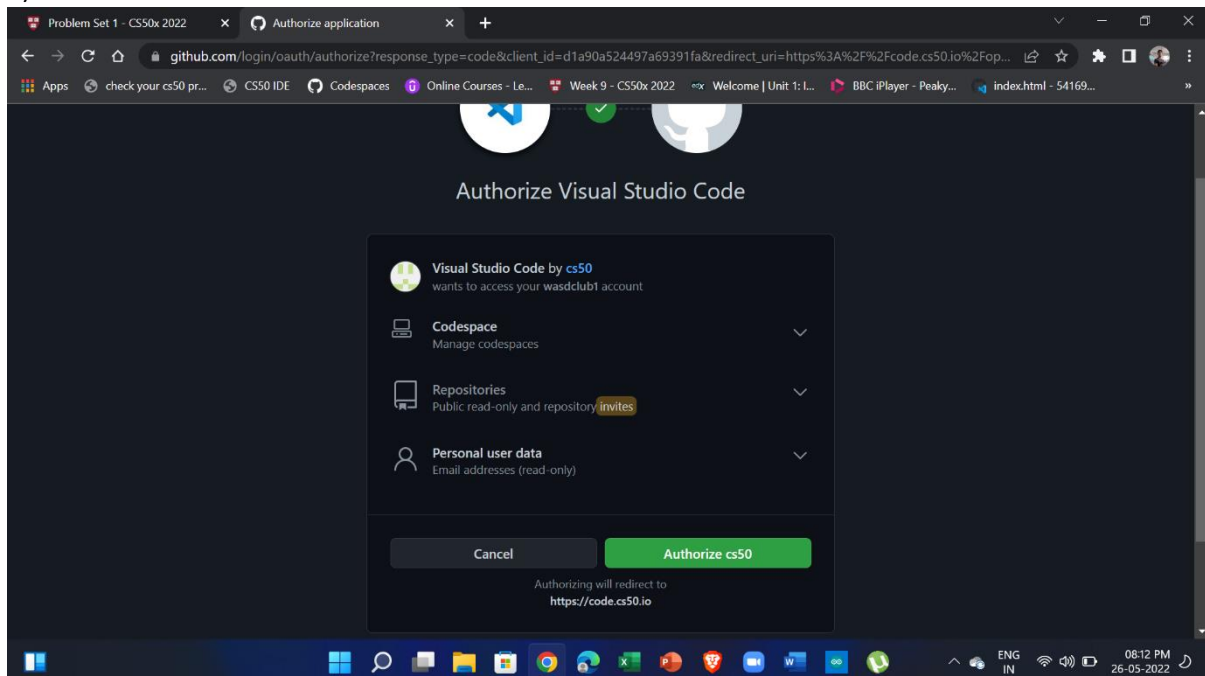
- 1) Make a github account and then click on the link below

code.cs50.io

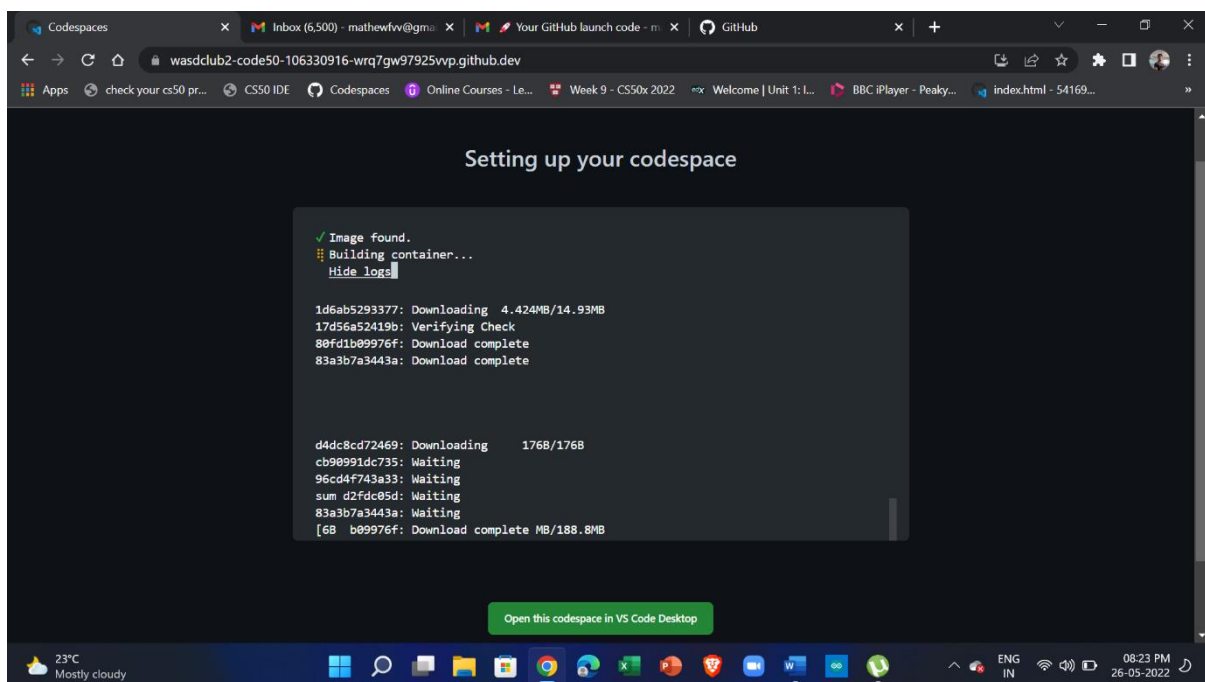
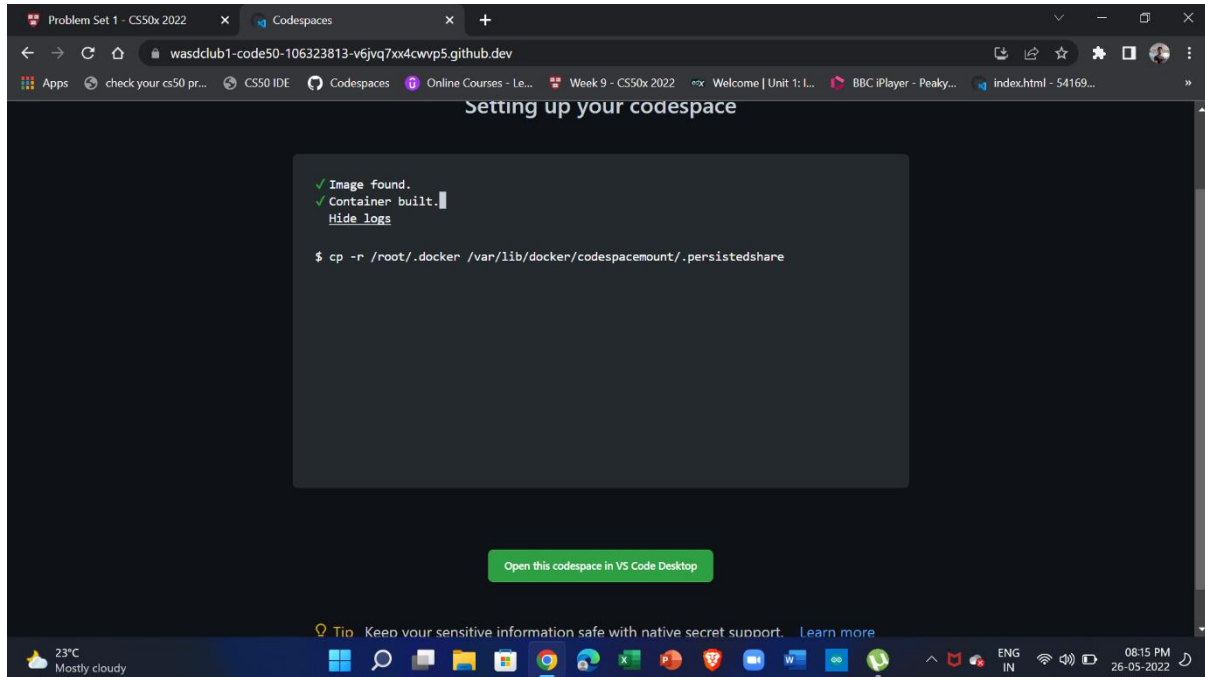
- 2) click on log in via github



- 3) authorize



4) wait for setup to finish

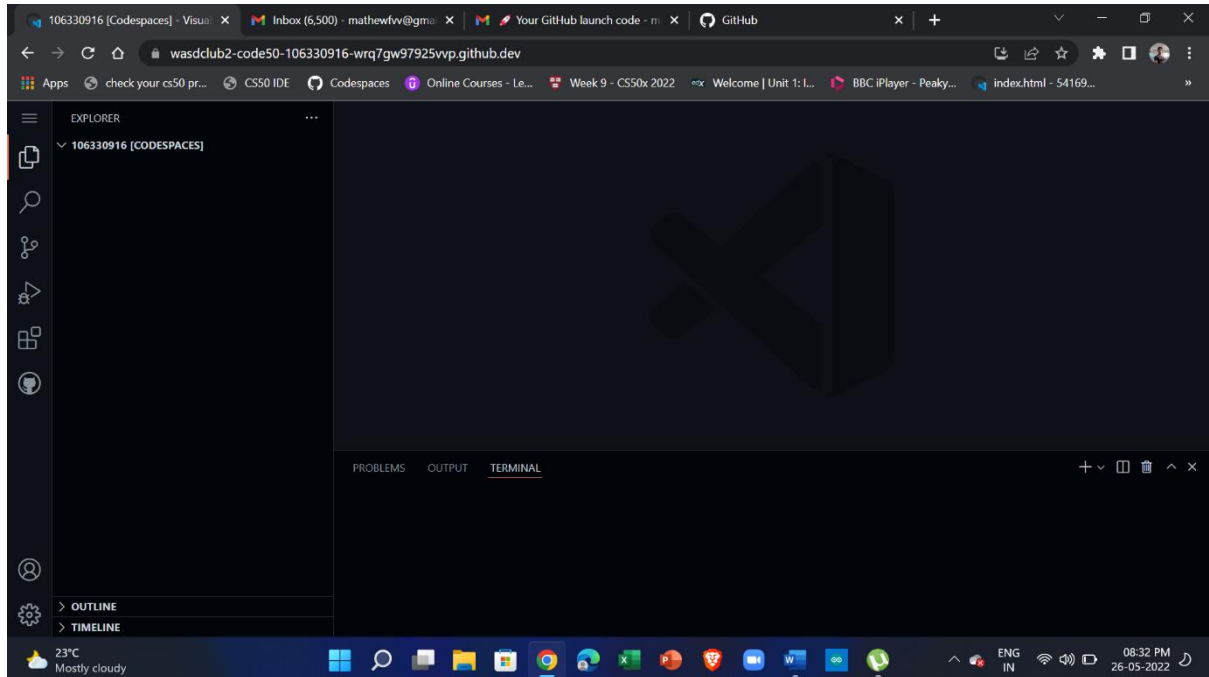


Can also use

<https://github.com/codespaces>

to view created code space

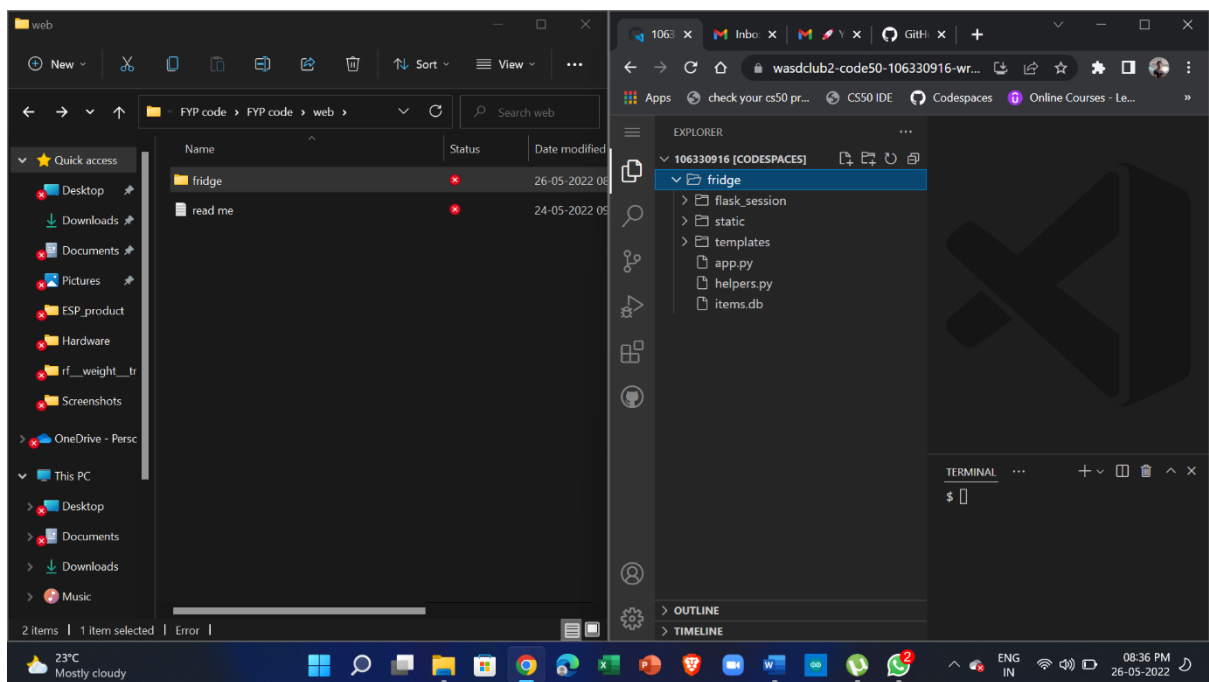
5) code space



6)

Extract fridge

FYP code\FYP code\web

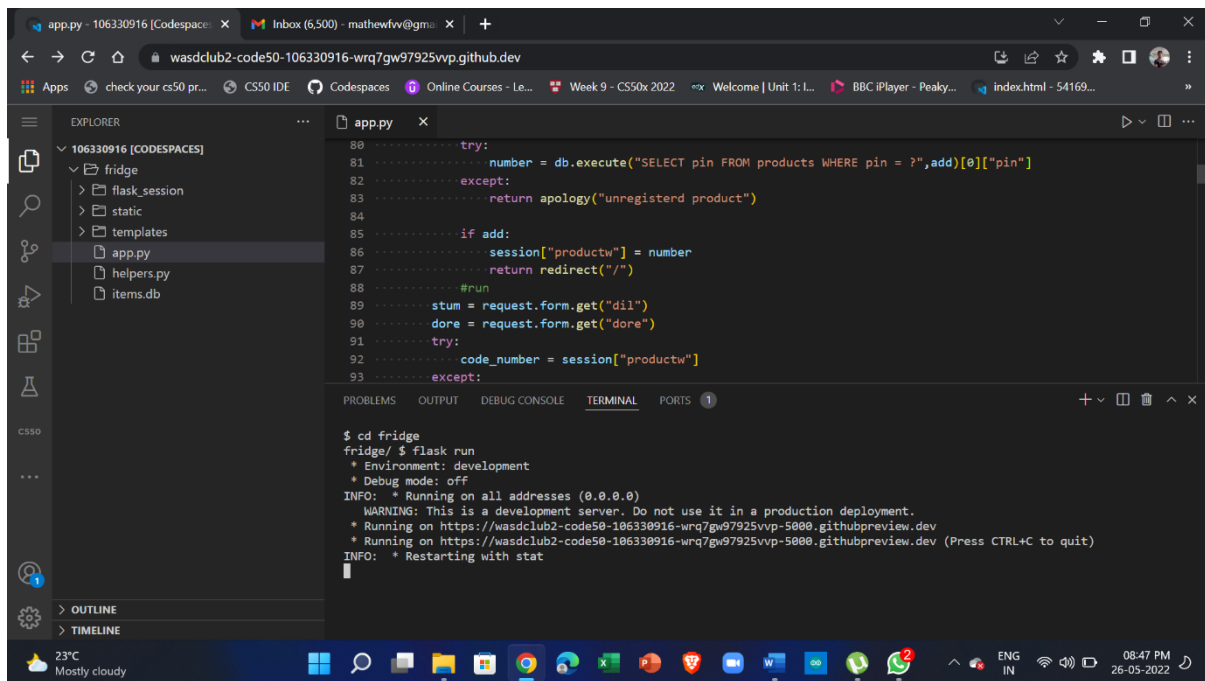


7)

In terminal

cd fridge

flask run



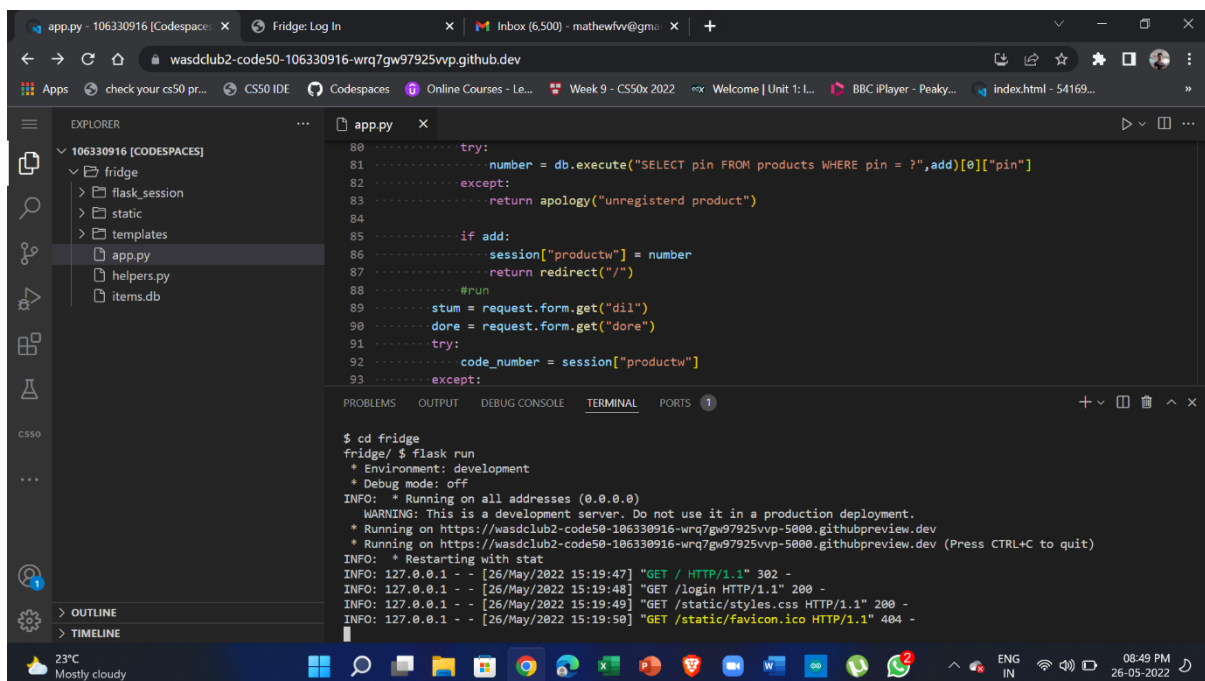
The screenshot shows a VS Code editor with a Python file named `app.py` open. The code is a Flask application with routes for `/add`, `/run`, `/dii`, and `/dore`. The terminal at the bottom shows the command `cd fridge` and `flask run` being executed. The output indicates that the application is running on all addresses (0.0.0.0) and provides a warning about using a development server in production. The terminal also shows the application's URL: `https://wasdclub2-code50-106330916-wrq7gw97925vvp-5000.githubpreview.dev`.

```
80 ..... try:
81 .....     number = db.execute("SELECT pin FROM products WHERE pin = ?",add)[0]["pin"]
82 ..... except:
83 .....     return apology("unregistered product")
84 .....
85 ..... if add:
86 .....     session["productw"] = number
87 .....     return redirect("/")
88 ..... #run
89 ..... stum = request.form.get("dii")
90 ..... dore = request.form.get("dore")
91 ..... try:
92 .....     code_number = session["productw"]
93 ..... except:
```

```
$ cd fridge
fridge/ $ flask run
* Environment: development
* Debug mode: off
INFO: * Running on all addresses (0.0.0.0)
WARNING: This is a development server. Do not use it in a production deployment.
* Running on https://wasdclub2-code50-106330916-wrq7gw97925vvp-5000.githubpreview.dev
* Running on https://wasdclub2-code50-106330916-wrq7gw97925vvp-5000.githubpreview.dev (Press CTRL+C to quit)
INFO: * Restarting with stat
```

8)

Click on link and Ctrl + left click will start the application



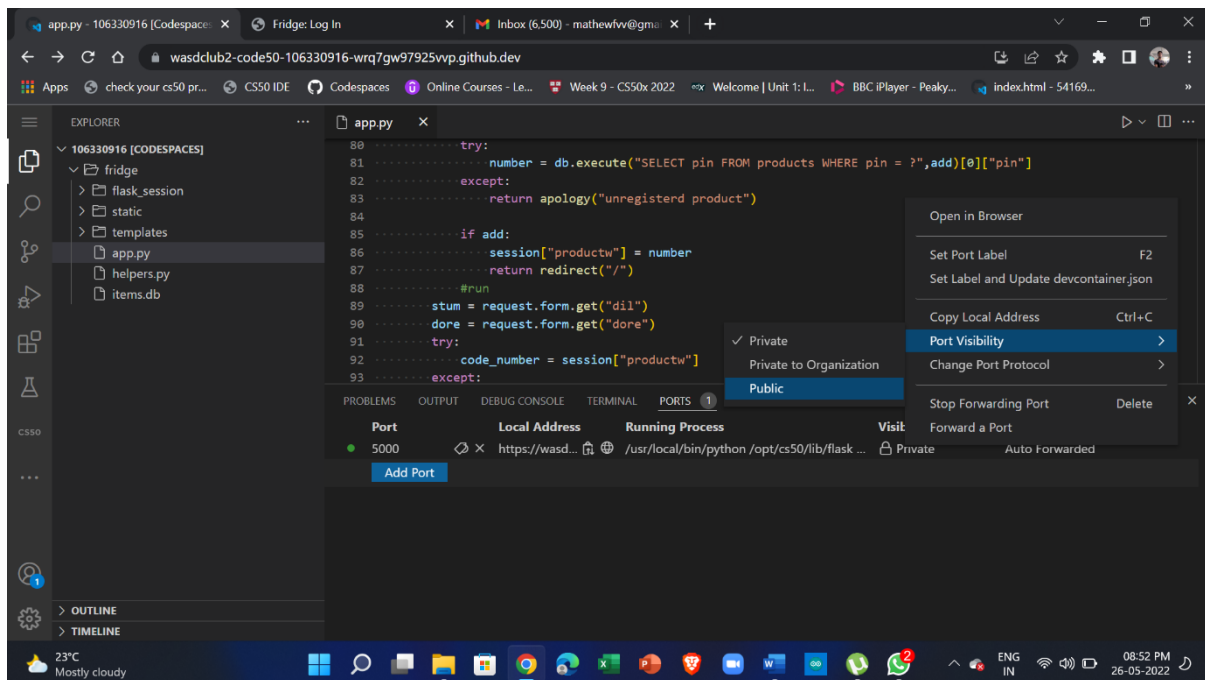
The screenshot shows the same VS Code editor with the `app.py` file. The terminal output now includes network logs showing the application receiving requests. The logs show the application running on `127.0.0.1` and receiving requests for `GET / HTTP/1.1`, `GET /login HTTP/1.1`, `GET /static/styles.css HTTP/1.1`, and `GET /static/favicon.ico HTTP/1.1`.

```
80 ..... try:
81 .....     number = db.execute("SELECT pin FROM products WHERE pin = ?",add)[0]["pin"]
82 ..... except:
83 .....     return apology("unregistered product")
84 .....
85 ..... if add:
86 .....     session["productw"] = number
87 .....     return redirect("/")
88 ..... #run
89 ..... stum = request.form.get("dii")
90 ..... dore = request.form.get("dore")
91 ..... try:
92 .....     code_number = session["productw"]
93 ..... except:
```

```
$ cd fridge
fridge/ $ flask run
* Environment: development
* Debug mode: off
INFO: * Running on all addresses (0.0.0.0)
WARNING: This is a development server. Do not use it in a production deployment.
* Running on https://wasdclub2-code50-106330916-wrq7gw97925vvp-5000.githubpreview.dev
* Running on https://wasdclub2-code50-106330916-wrq7gw97925vvp-5000.githubpreview.dev (Press CTRL+C to quit)
INFO: * Restarting with stat
INFO: 127.0.0.1 - - [26/May/2022 15:19:47] "GET / HTTP/1.1" 302 -
INFO: 127.0.0.1 - - [26/May/2022 15:19:48] "GET /login HTTP/1.1" 200 -
INFO: 127.0.0.1 - - [26/May/2022 15:19:49] "GET /static/styles.css HTTP/1.1" 200 -
INFO: 127.0.0.1 - - [26/May/2022 15:19:50] "GET /static/favicon.ico HTTP/1.1" 404 -
```

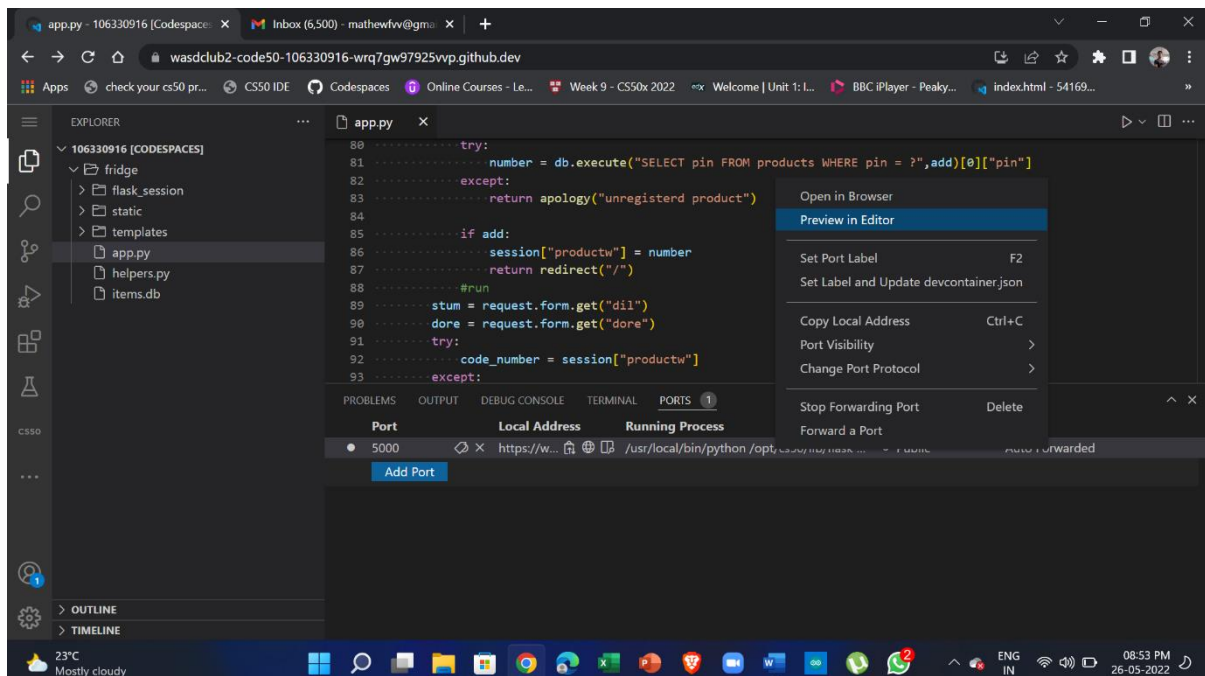
9)

In terminal space go to PORTS > port 5000 is where the app is running > make public then setup iot device to send data

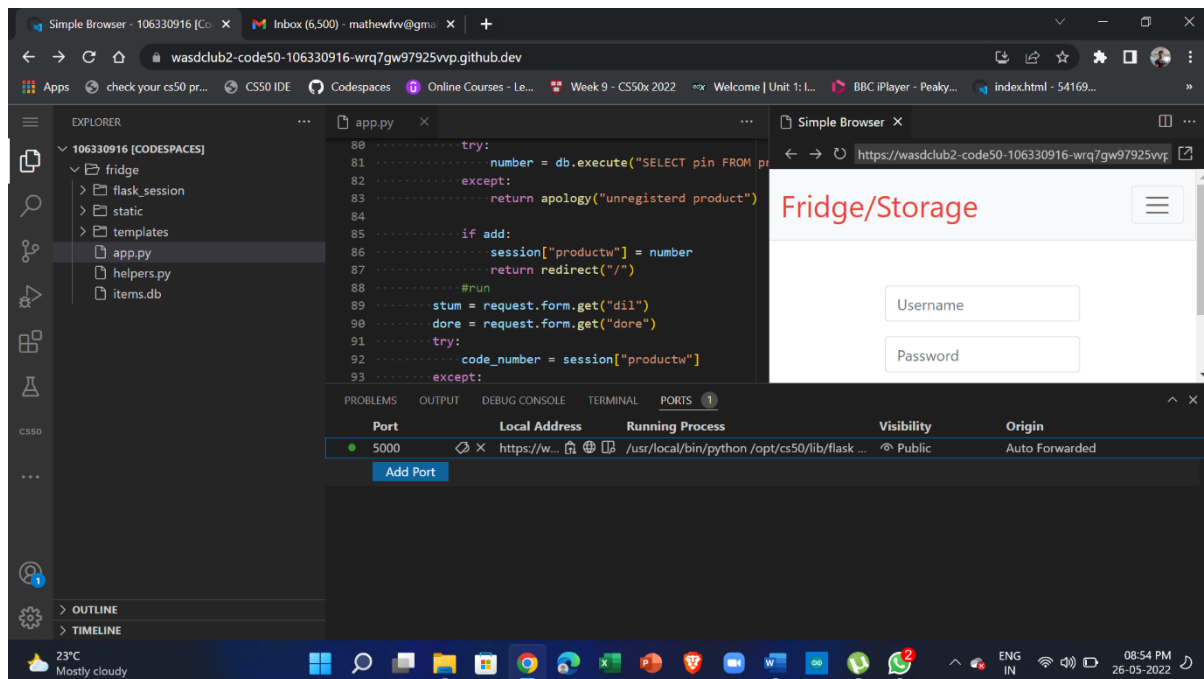


10)

The app may not launch right away so try right clicking on 5000 port and open in editor



Repeat till the log-in page is shown



Now you can open the port on any browser

Copy or share link on any device to view page

Ctrl+ c to shut server down