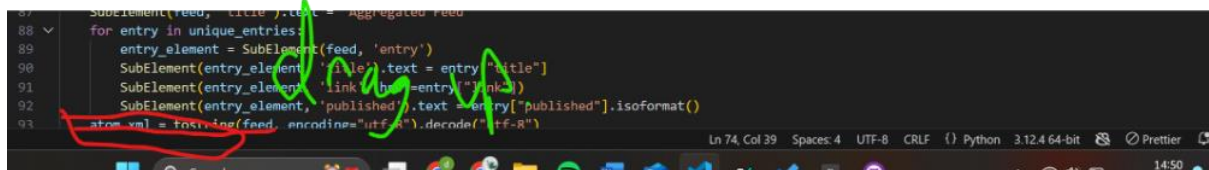


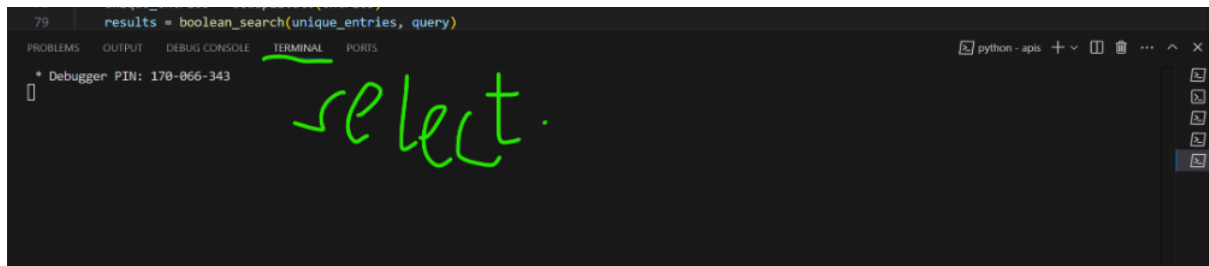
In order to install current locally hosting, on response querying prototype:

1. <https://github.com/dancuba1/rssaggregator-resistance>
2. Click on green code button
3. click on download .zip
4. unzip file
5. open vscode, then click open folder and direct to unzipped source code folder.
6. once there drag up bottom bar so that a terminal appears



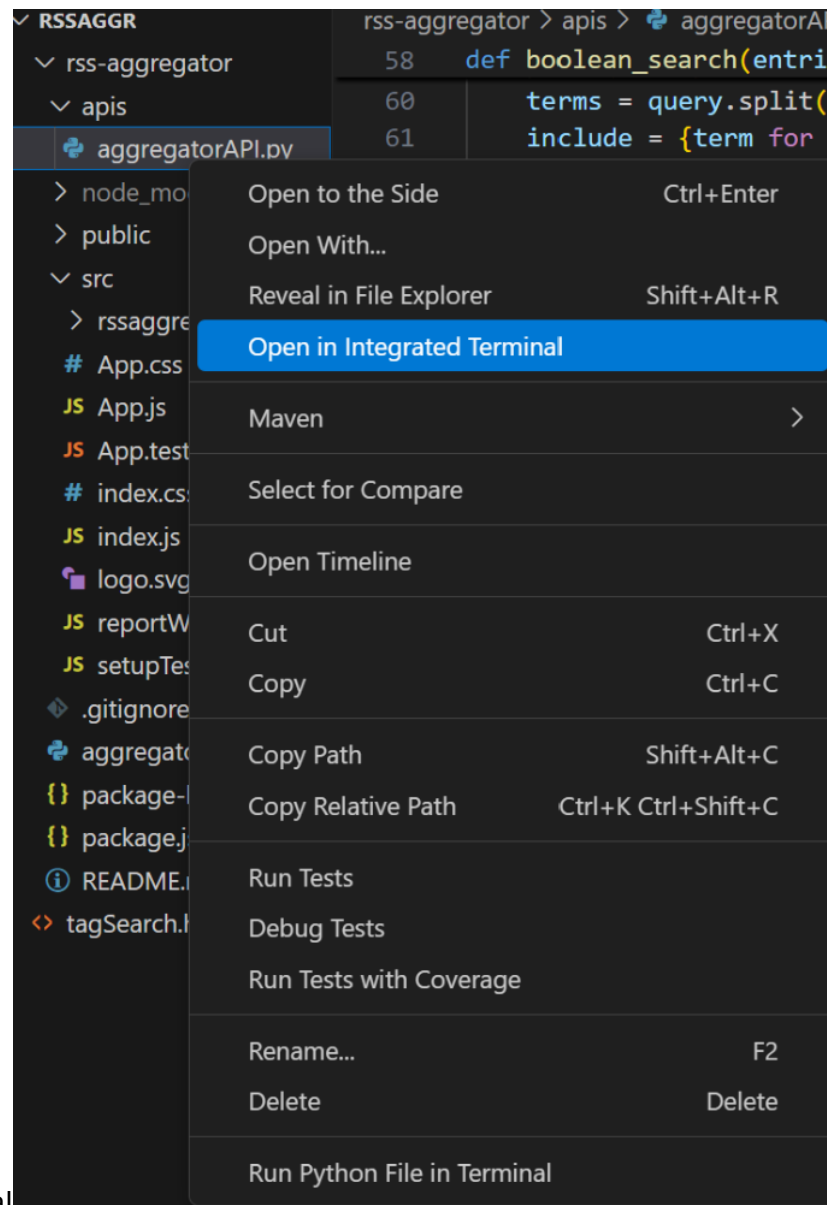
```
87 SubElement(feed, 'title').text = 'Aggregated feed'
88 for entry in unique_entries:
89     entry_element = SubElement(feed, 'entry')
90     SubElement(entry_element, 'title').text = entry['title']
91     SubElement(entry_element, 'link').text = entry['link']
92     SubElement(entry_element, 'published').text = entry['published'].isoformat()
93     atom_vml = tostring(feed, encoding='utf-8').decode('utf-8')
```

7. make sure terminal is selected



```
79 results = boolean_search(unique_entries, query)
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
* Debugger PIN: 170-066-343
```

8. open aggregator API, in apis folder, then rightclick on aggregatorAPI and click open in



integrated terminal

9. in said terminal window type in
(MAY NOT HAVE PIP not installed, lookup tutorials on how to install)

```
pip install flask-cors
```

```
pip install flask
```

// these 2 commands installs the files needed to run the backend

python aggregatorAPI.py

// this command runs the backend

this should then run the api to allow the web application to access these functions(querying of the data) and should look similar to this:

```
PS C:\Users\danie\Desktop\RSSAggr\rss-aggregator\apis> python aggregatorAPI.py
* Serving Flask app 'aggregatorAPI'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 170-066-343
```

10. now we must start the web application to interact with the API to display the results.

and we need Node.js to run this so head to : <https://nodejs.org/en/download/prebuilt-installer> to install npm.

11. back to VSCode, we go back to the terminal we had before and we click the plus to open a new terminal



then we run this command:

npm install npm --global // Updates the 'CLI' client

and to check npm is installed:

npm -v

12. Last step (eventually) :

Make sure your new terminal is in the correct place, should be similar to this: where the main folder is at the end of the directory you are in

```
PS C:\Users\danie\Desktop\RSSAggr\rss-aggregator>
```

and run this command:

`npm install`

// this installs all extra files needed

npm start

// this starts the production build in your default web browser

EX. Search - picket, gives a good return of results.

