Week 4 -- 2/7/22-2/13/22

Goal of the Week:

The goal for this week was to make sure our repositories have been clones and to begin working on our individual tasks. We also needed to work on the Updated Project Proposal that would be due.
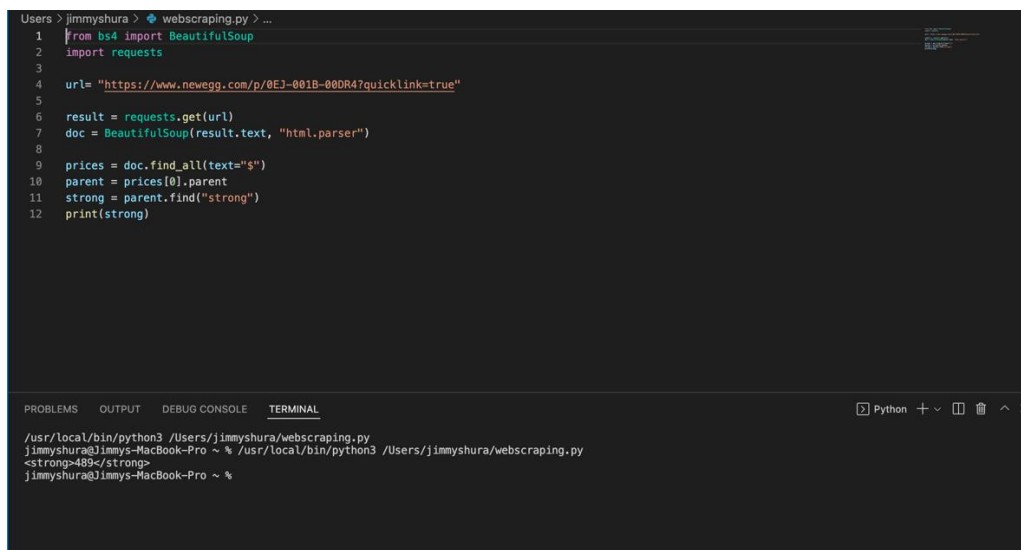
General Note:

The team met up on Friday February 11th, 2022, at 12:00PM. We started off by having a meeting with our sponsors at Tabor, discussing what we have been working on and what we would need from Tabor. The front-end and back-end team also went over a few issues they were facing and were able to find solutions to those issues. We also wanted to go over our Updated Project Proposal that was due on Sunday February 13th, 2022.

Results and Conclusions:

We let our sponsors know that we will need them to create a GitHub so the ownership can be transferred to them. We also would need an account for Firebase. The front-end team has been working on the development phase and had run into an issue but were able to fix it with CSS styling. The backend team has been working on web-scraping and were initially working with a Python package called Selenium, but then realized that there was a big learning curve to it as well as finding out that it was not designed for web scraping. The back-end team will now use Beautiful Soup to scrape web information. Finally, our team went over the assignment we have due on February 13, 2022. We created a Google Doc where we will all work on the assignment and once done Karishma will submit it.

A screenshot of the code and terminal used to web scrape from a website using Python and Beautiful Soup:

```
Users > jimmyshura > webscraping.py > ...
  1  from bs4 import BeautifulSoup
  2  import requests
  3
  4  url= "https://www.newegg.com/p/0EJ-001B-00DR4?quicklink=true"
  5
  6  result = requests.get(url)
  7  doc = BeautifulSoup(result.text, "html.parser")
  8
  9  prices = doc.find_all(text="$")
 10  parent = prices[0].parent
 11  strong = parent.find("strong")
 12  print(strong)
```

```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL                                    Python + ∨ ⊓ 🗑 ∧ ×

/usr/local/bin/python3 /Users/jimmyshura/webscraping.py
jimmyshura@Jimmys-MacBook-Pro ~ % /usr/local/bin/python3 /Users/jimmyshura/webscraping.py
<strong>489</strong>
jimmyshura@Jimmys-MacBook-Pro ~ %
```

Next Steps:

We plan on working on our individual work. The front-end team will continue with the development phase. The back-end team will be working on a test version of web scraping and working on implementing it towards the Tabor website. Our team will also prepare for our Team Review on February 18th, 2022.