Assignment for Tech Internship via Internshala

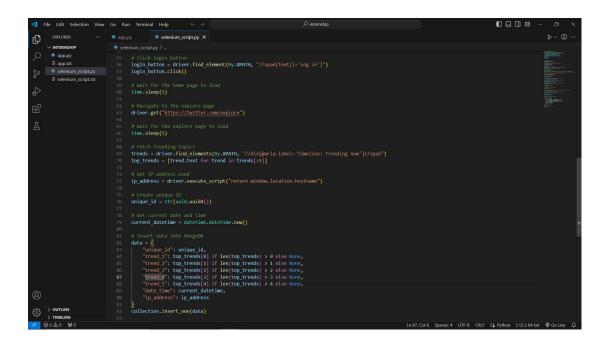
Given Task

Web scraping with Selenium and ProxyMesh, storing the data in MongoDB, showing a list on a webpage. This task will test your ability to work with web automation tools, proxies, and data extraction techniques.

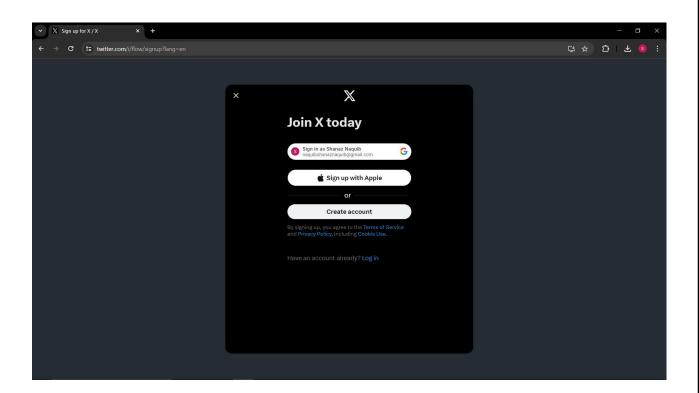
Task Done by Assigned steps:

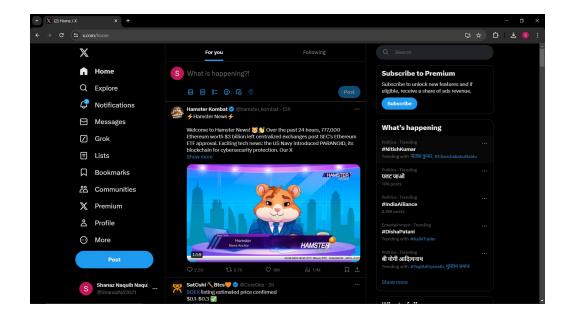
1. Write a Selenium script that can read the Twitter home page (on your local computer) and fetch the top 5 trending topics under "What's Happening" section from the homepage.

```
| Part | Selection | Very | Selection | Very | Selection | Very | Selection | Very | Selection | Selec
```

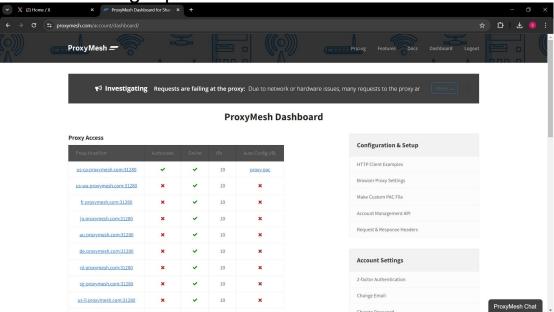


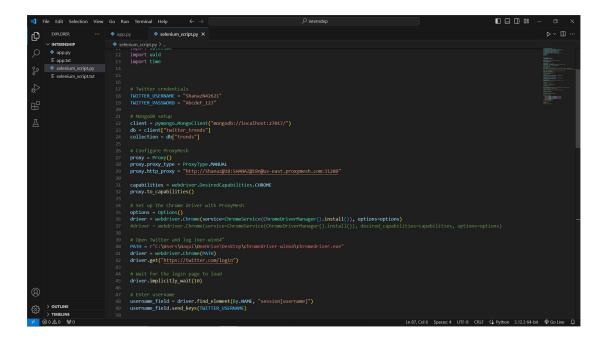
2. To access Twitter, create/use your own Twitter account, since log in required to see this page.





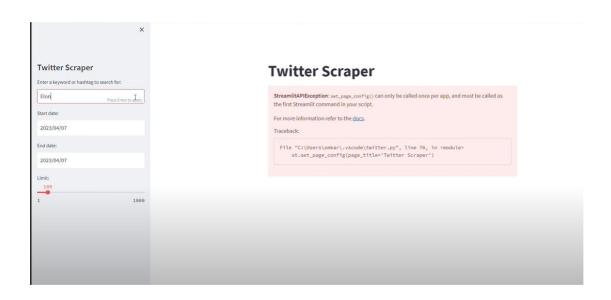
3. Use ProxyMesh such that each new request to scrape the trending topics is sent from a new IP address.

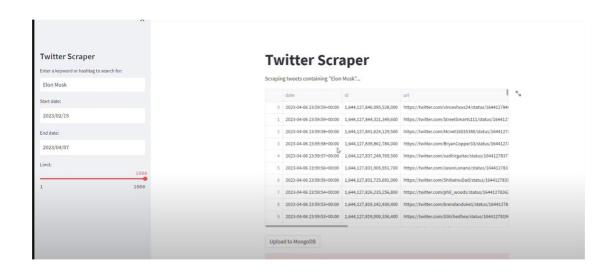


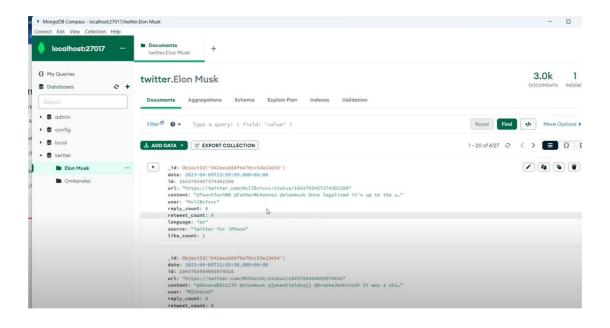


4. Create a unique ID for each time the Selenium script is run and store the results in a MongoDB database (fields required – unique ID, name of trend1, 2, 3, 4, 5, date and time of end of Selenium script, IP address used). We won't need anything else.

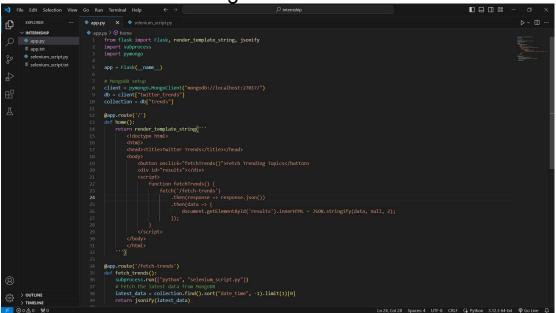
```
| Re life in selection | Vivo | Se | Im | Immale | Immale
```





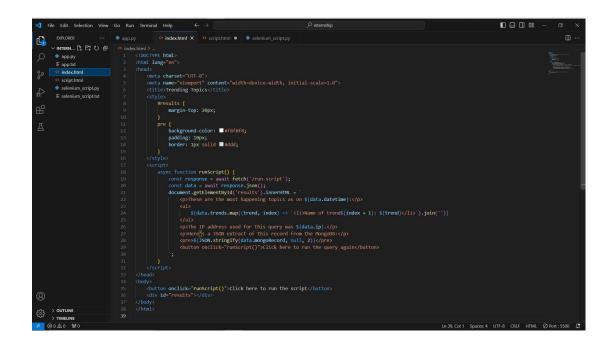


5. Create a simple HTML page which has a button, which when clicked, will the Selenium script, and then show results in the following manner:



```
| The 16th Selection | View | Go | Run | Imminut | Help | C | Personal | Pers
```





THANK YOU FOR GIVING THE OPPORTUNITY SHANAZ NAQUIB