Course: CS522 - Software Quality Assurance and Test Automation
Faculty: Prof. Henry Chang

Project: Online Jukebox + DOS attack using Selenium Junit/WebDriver + Python Web Server

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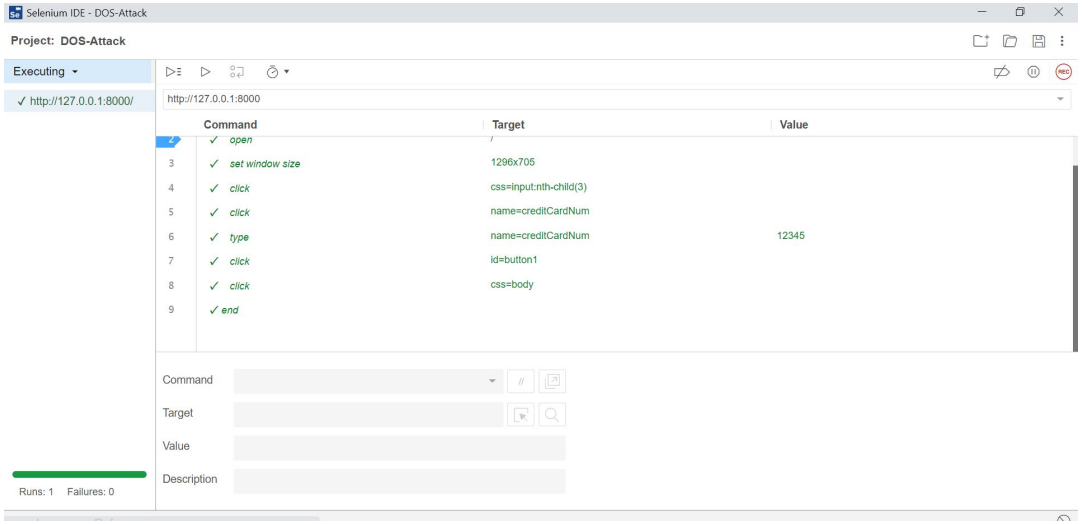
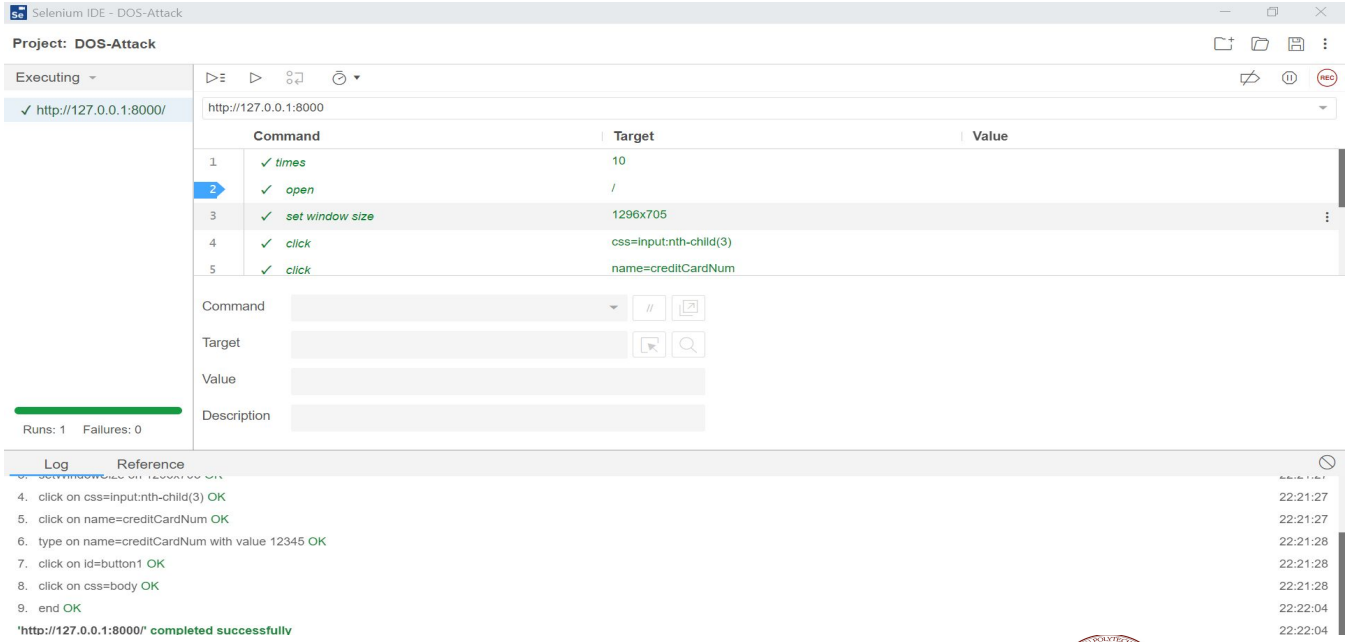
1. Jukebox using Selenium IDE

- Jukebox code run in selenium IDE



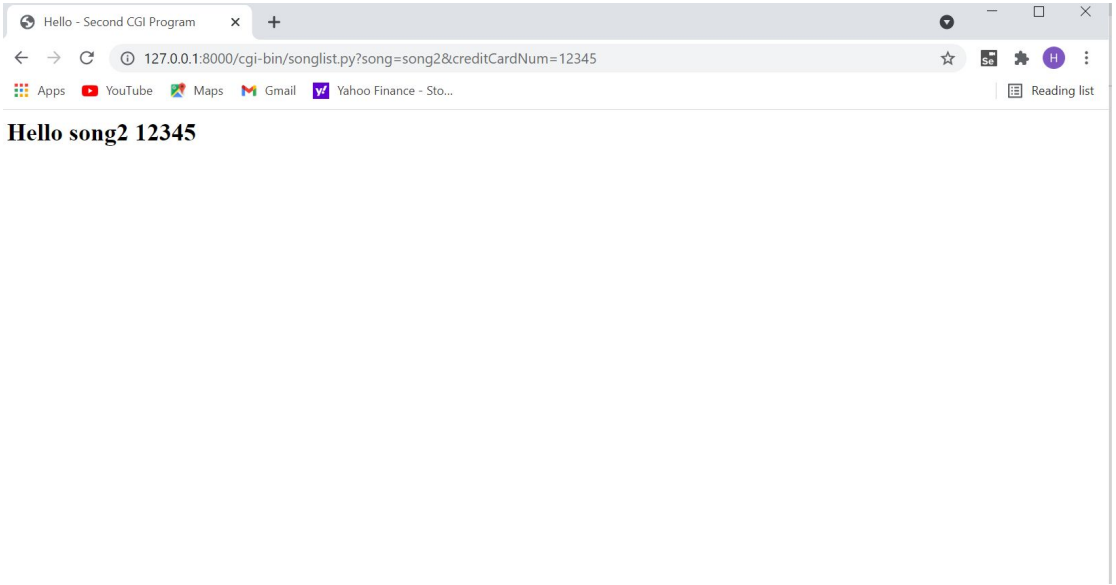
Jukebox using Selenium IDE

- Jukebox code run in selenium IDE http://127.0.0.1:8000 run successfully



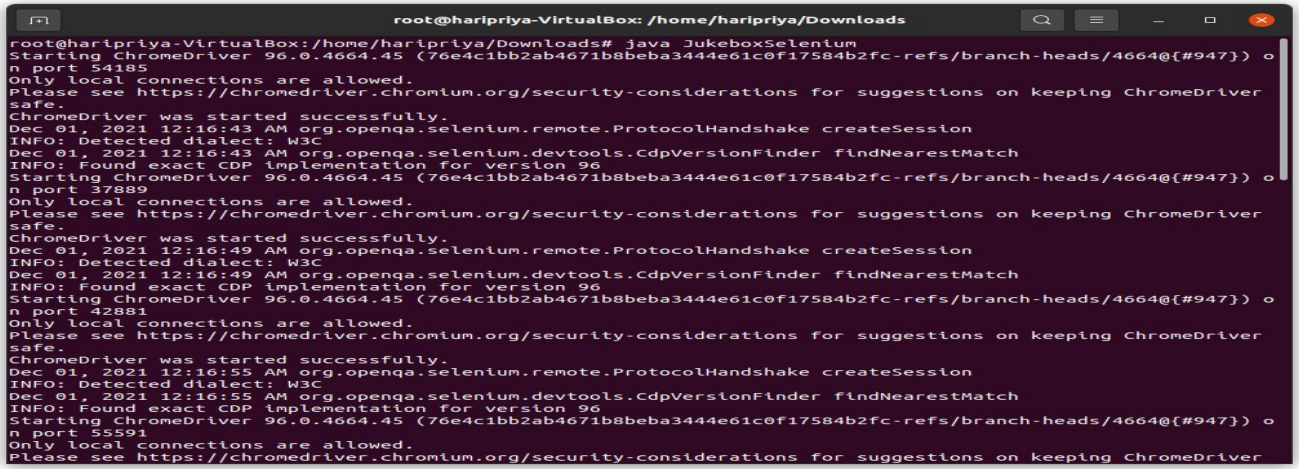
Jukebox using Selenium IDE

- Chrome browser after DOS attack run successfully in Selenium IDE



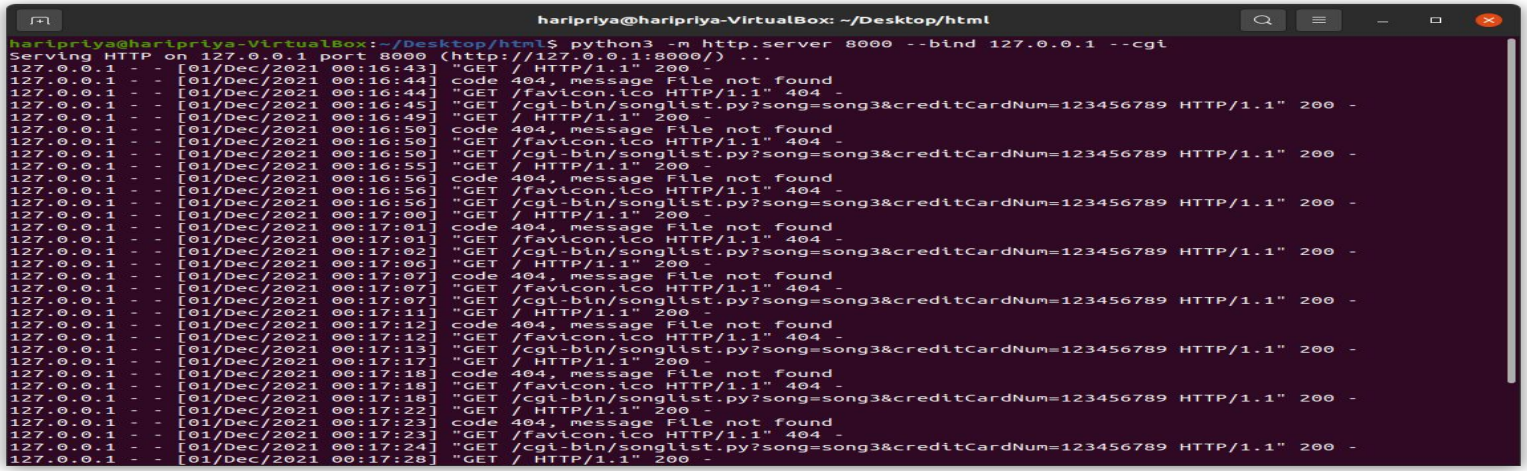
2. Jukebox Using Selenium webdriver

- Running the Selenium Webdriver in command line



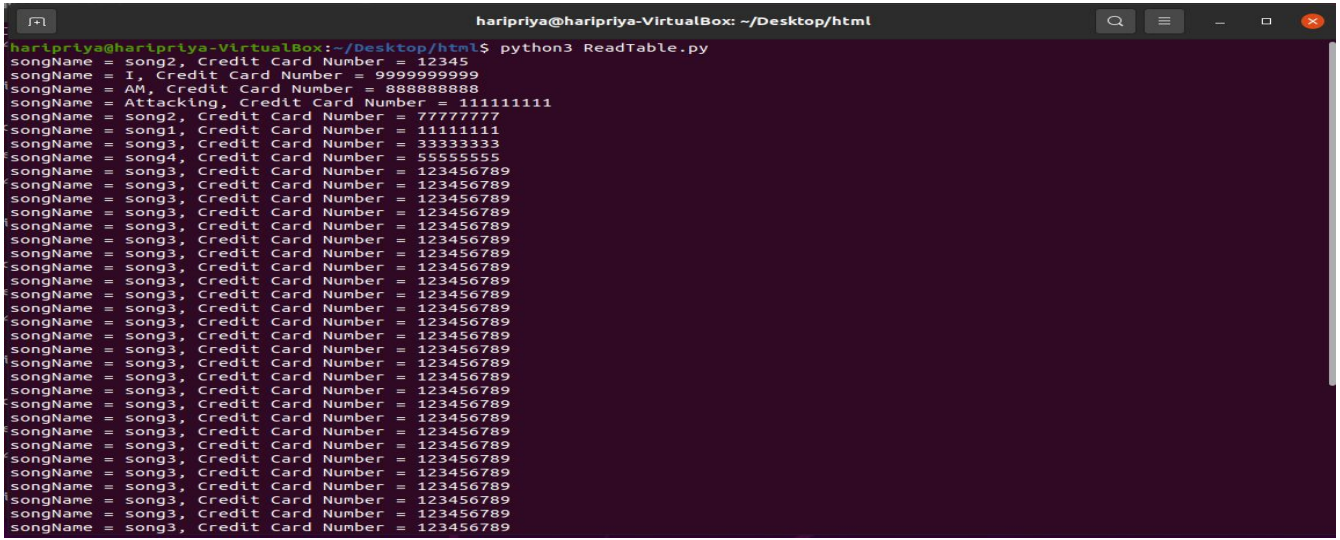
Jukebox Using Selenium webdriver

- Running the Selenium Webdriver in command line python server



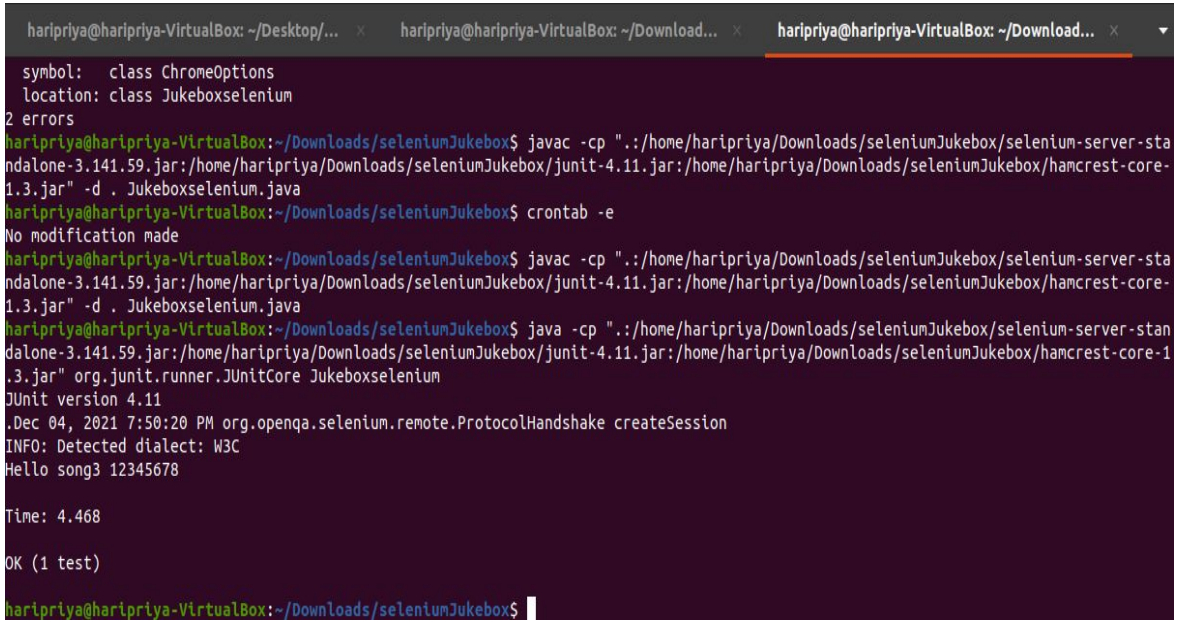
Jukebox Using Selenium webdriver

- Running the Selenium Webdriver in command line mysql table after DOS attack


haripriya@haripriya-VirtualBox: ~/Desktop/html
haripriya@haripriya-VirtualBox:~/Desktop/html$ python3 ReadTable.py
songName = song2, Credit Card Number = 12345
songName = I, Credit Card Number = 9999999999
songName = AM, Credit Card Number = 888888888
songName = Attacking, Credit Card Number = 111111111
songName = song2, Credit Card Number = 77777777
songName = song1, Credit Card Number = 11111111
songName = song3, Credit Card Number = 33333333
songName = song4, Credit Card Number = 55555555
songName = song3, Credit Card Number = 123456789
songName = song3, Credit Card Number = 123456789
songName = song3, Credit Card Number = 123456789

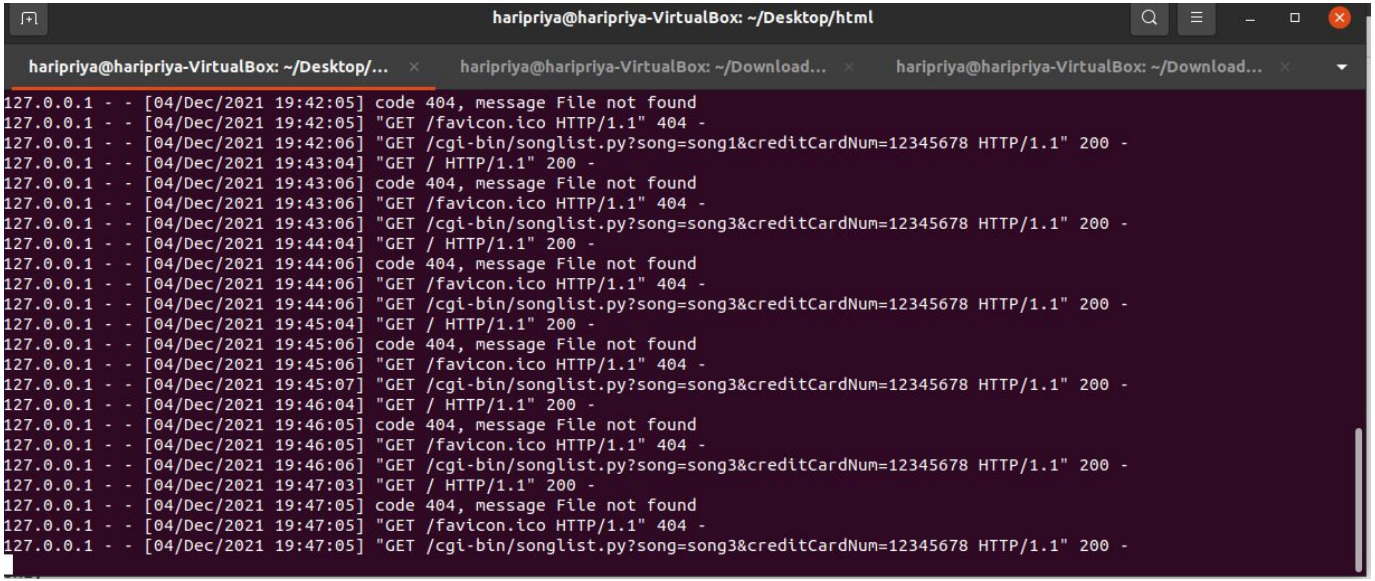
3. Jukebox Using Selenium Junit

- Running the Selenium Junit in command line mysql table after DOS attack



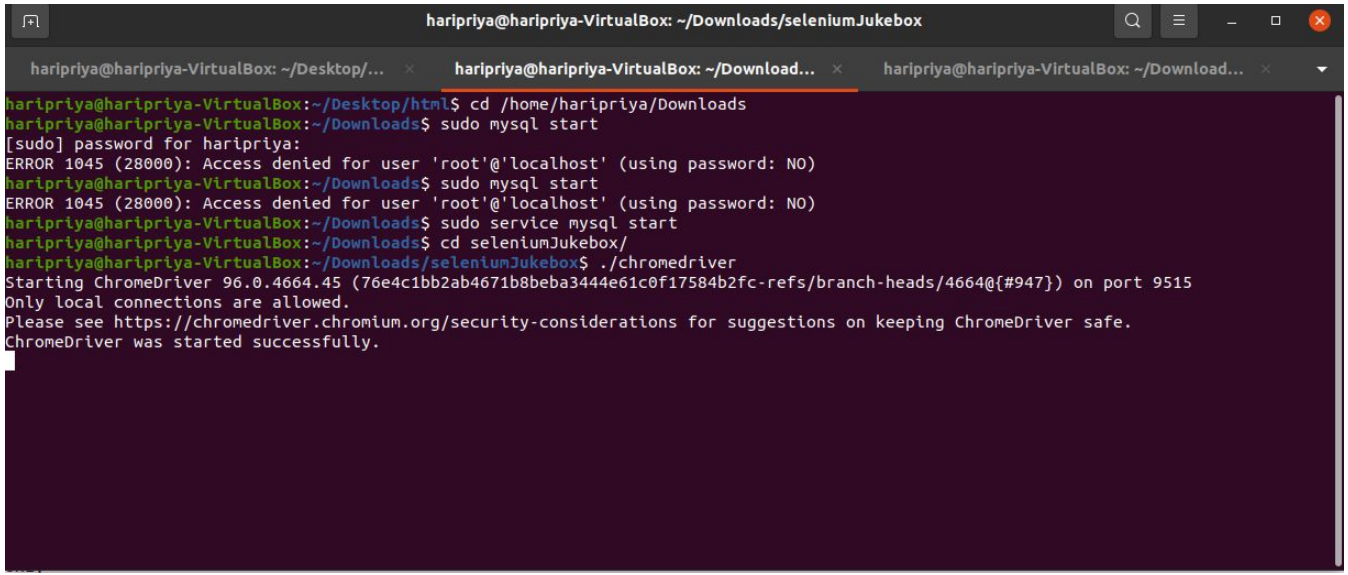
Jukebox Using Selenium Junit

- Running the Selenium Junit in command python server



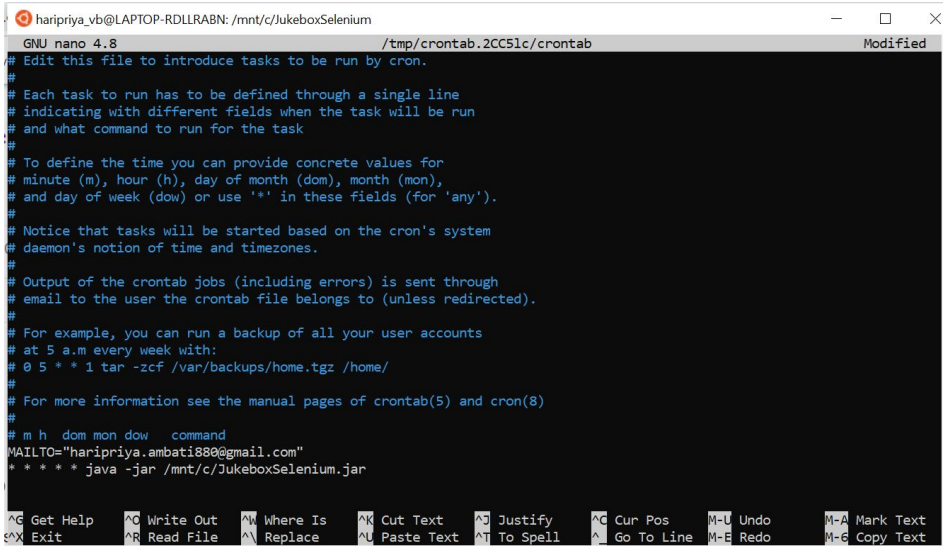
Jukebox Using Selenium Junit

- Before running the crontab, start chrome driver successfully.



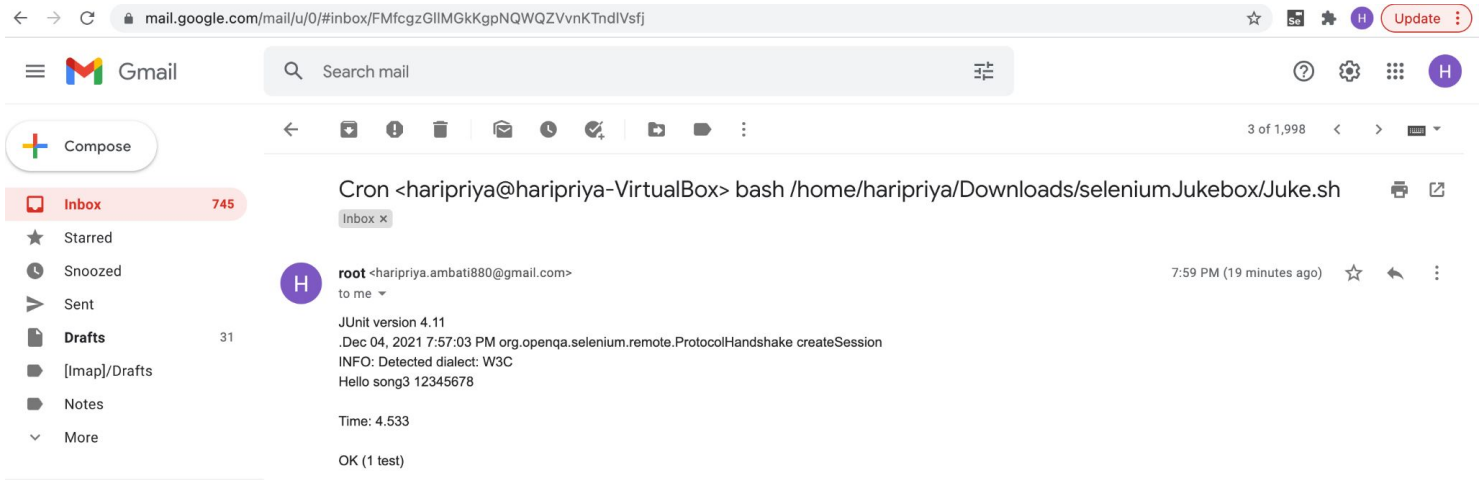
4. Adding Cron Job

- Create cron job.
- Set to run every 1 min



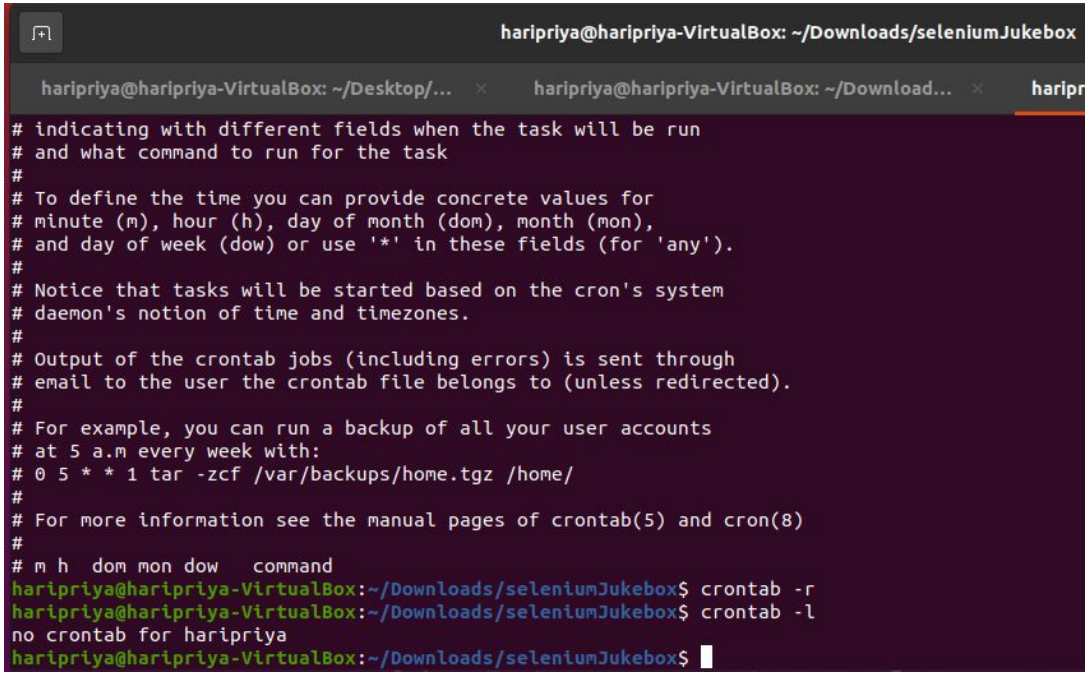
5. Email Notification after Cron Job

- Email is received



6. Removing Cron Job

- Using command crontab -l, we check for currently running cron tab and remove using crontab -r command.



References

- https://npu85.npu.edu/~henry/npu/classes/shell_script/backup/slide/ssh_setup.html
- https://npu85.npu.edu/~henry/npu/classes/qa/cron_job/slide/cron.html

Google slides URL :

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