

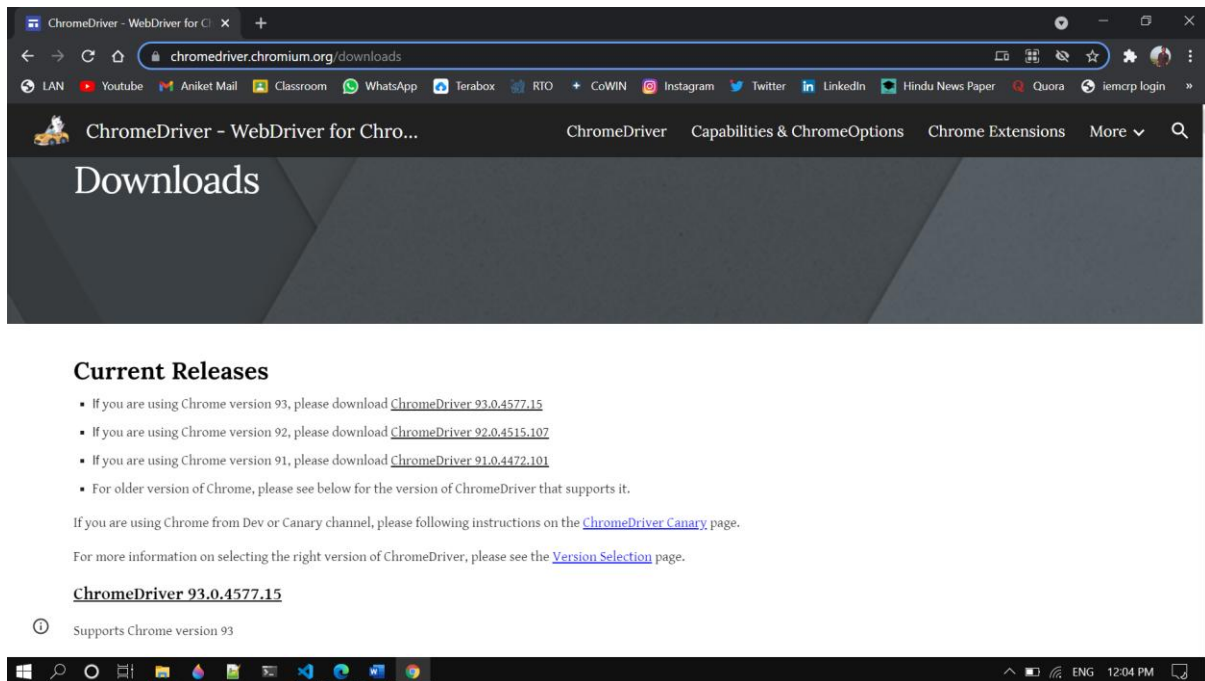
Youtube automation with python using ChromeDriver

Written by - Aniket Shaw

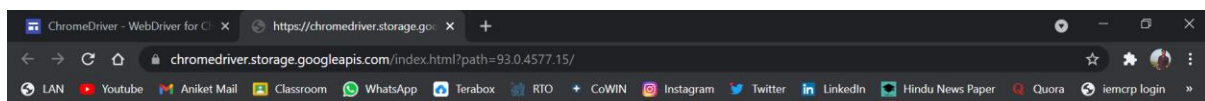
Step 1 - Download Chrome Webdriver

<https://chromedriver.chromium.org/downloads>

Check your chrome version and download the webdriver accordingly



I am working on windows so I will download win32.zip file



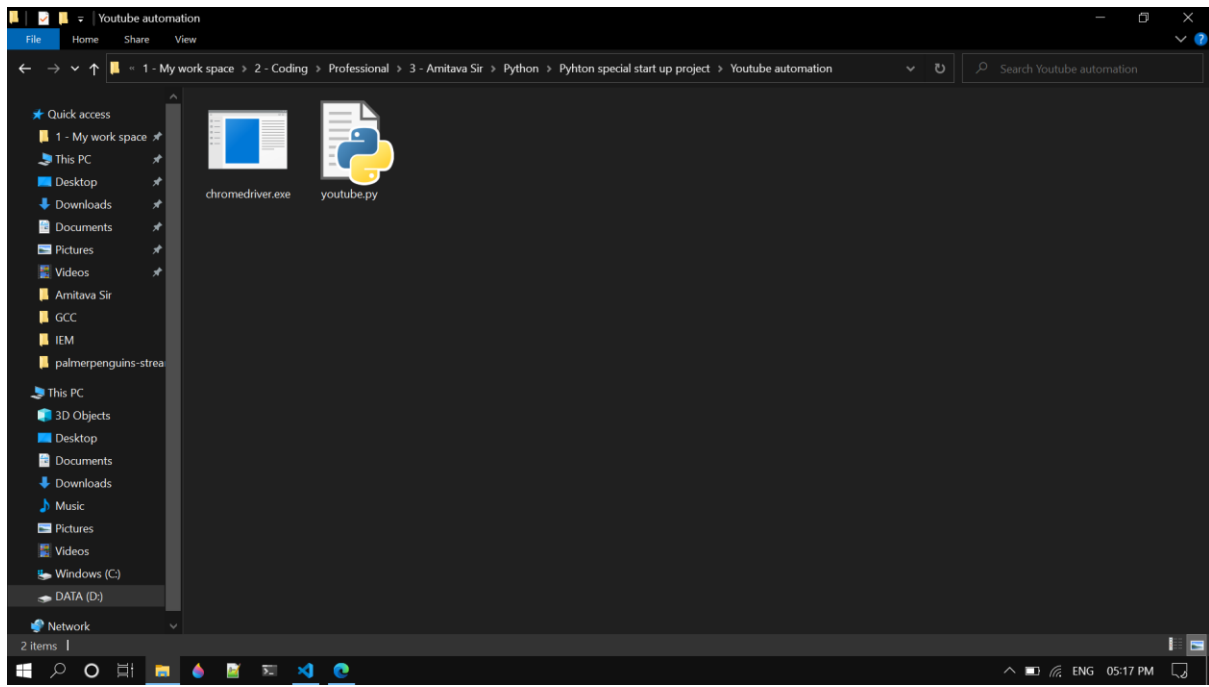
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| chromedriver_mac64_m1.zip | 2021-07-29 06:49:46 | 7.36MB | 492c19b3c54c052cf9d273992a14c758 |
| chromedriver_win32.zip | 2021-07-29 06:49:48 | 5.71MB | 33cd7f216b2353ad0b0a0891f52ec657 |
| notes.txt | 2021-07-29 06:49:53 | 0.00MB | 22a22ff69ded14c3da71bd114f4f53df |



Step 2 - extract the zip file and copy and paste the chromedriver.exe file in the folder where the python file will be stored.

Along with I create a python file name as "youtube.py"



Step 3 - now I will write the code

```
from selenium import webdriver

import time

from selenium.webdriver.common.keys import Keys

print("test case started")

#open Google Chrome browser

driver = webdriver.Chrome()

#maximize the window size

driver.maximize_window()

#delete the cookies

driver.delete_all_cookies()

#navigate to the url
```

```
driver.get("https://www.youtube.com")

#identify the search option and enter the value

driver.find_element_by_xpath("/html/body/ytd-app/div/div/ytd-
masthead/div[3]/div[2]/ytd-
searchbox/form/div/div[1]/input").send_keys("Kahin to hogi woh")

time.sleep(2)

#click on the search button

driver.find_element_by_xpath("/html/body/ytd-app/div/div/ytd-
masthead/div[3]/div[2]/ytd-searchbox/form/button").click()

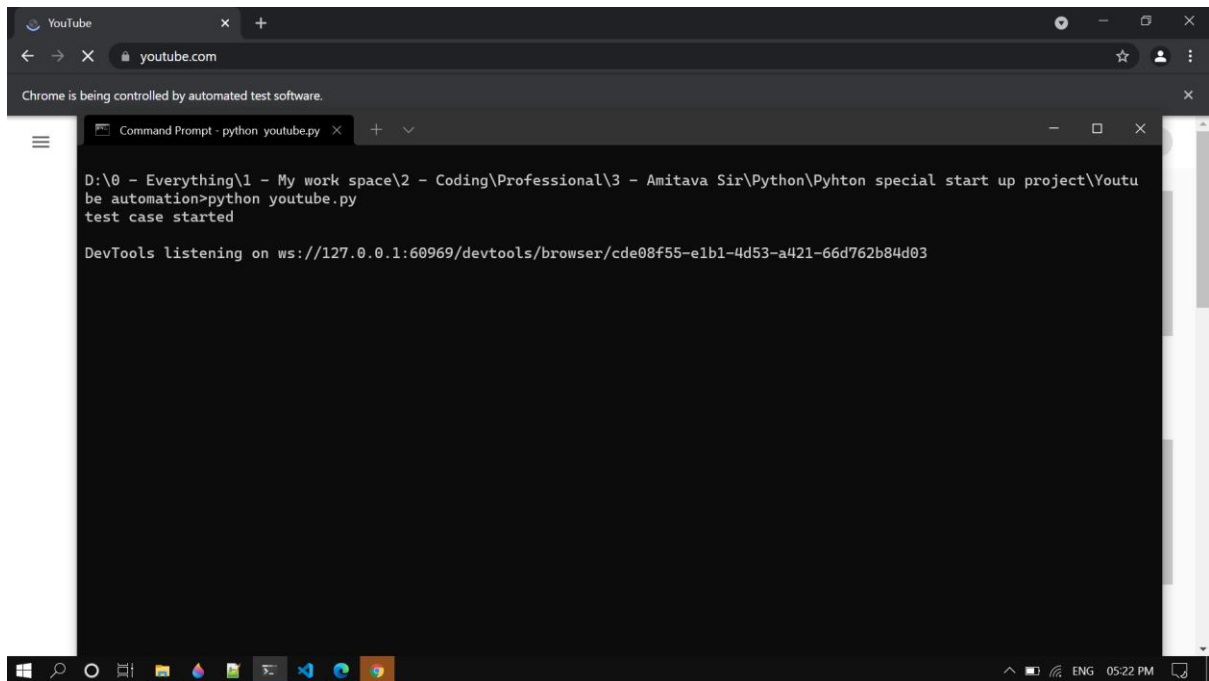
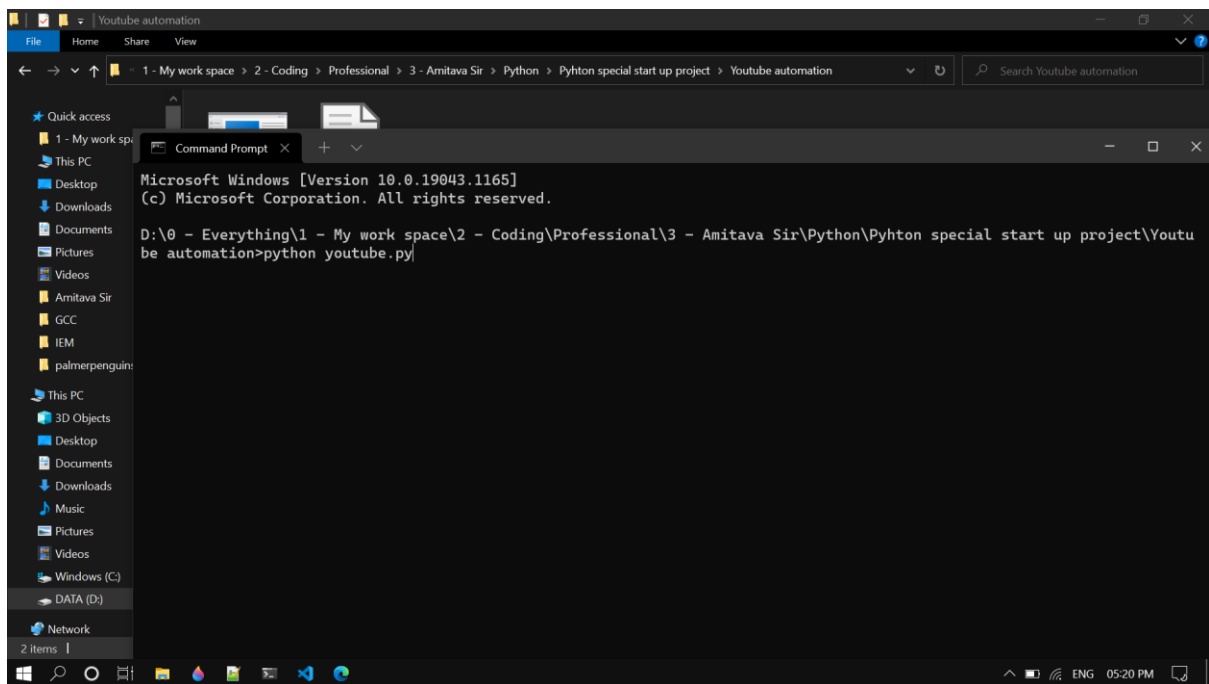
time.sleep(2)

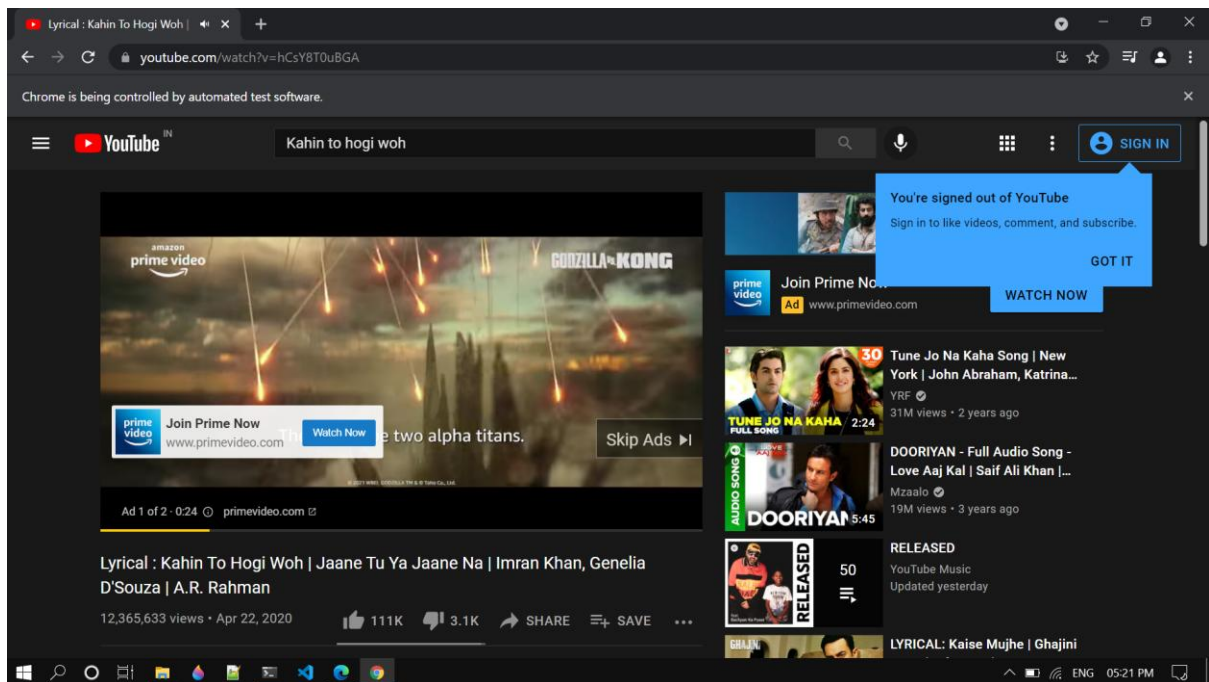
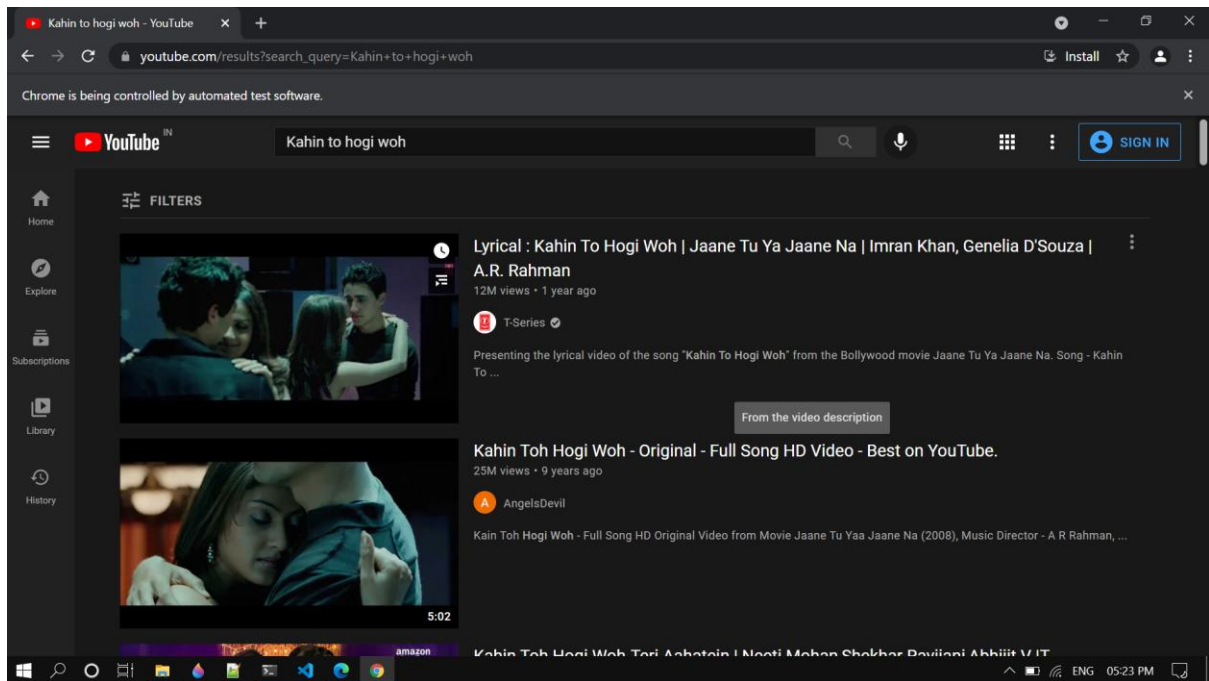
#click on to play the video

driver.find_element_by_xpath("/html/body/ytd-app/div/ytd-page-
manager/ytd-search/div[1]/ytd-two-column-search-results-
renderer/div/ytd-section-list-renderer/div[2]/ytd-item-section-
renderer/div[3]/ytd-video-renderer[1]/div[1]/div/div[1]/div/h3/a/yt-
formatted-string").click()
```

Step 4 - now we will run the python file.

By writing “python youtube.py” in command prompt for the folder’s directory





And that's it.