Instagram Scraper

General information of the Scraper :-

It is a command prompt based application so for using it you have to open the command prompt. The limitation of this is that you can download the images of a user only if it is not a private account or if it is followed by you(for this you should enter your username and password correctly else you can skip those by directly pressing enter)
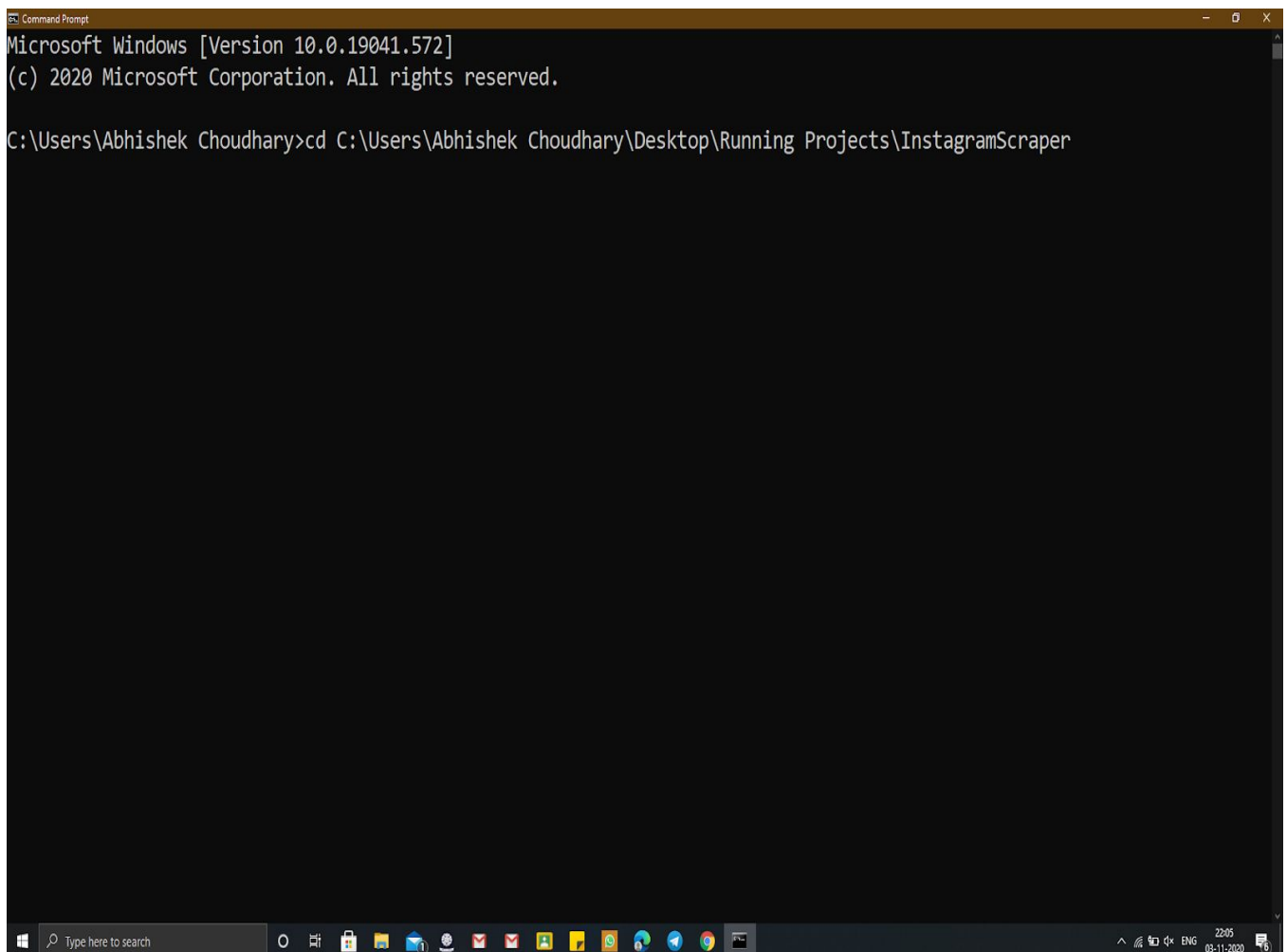
Installation Guide

Steps 1 : -

    First of download all the files in a folder

Step 2 :-

    Now open the command prompt and go to the directory which contain all these file

By typing cd directory_name

```
Command Prompt                                                              –  □  X
Microsoft Windows [Version 10.0.19041.572]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\Abhishek Choudhary>cd C:\Users\Abhishek Choudhary\Desktop\Running Projects\InstagramScraper
```
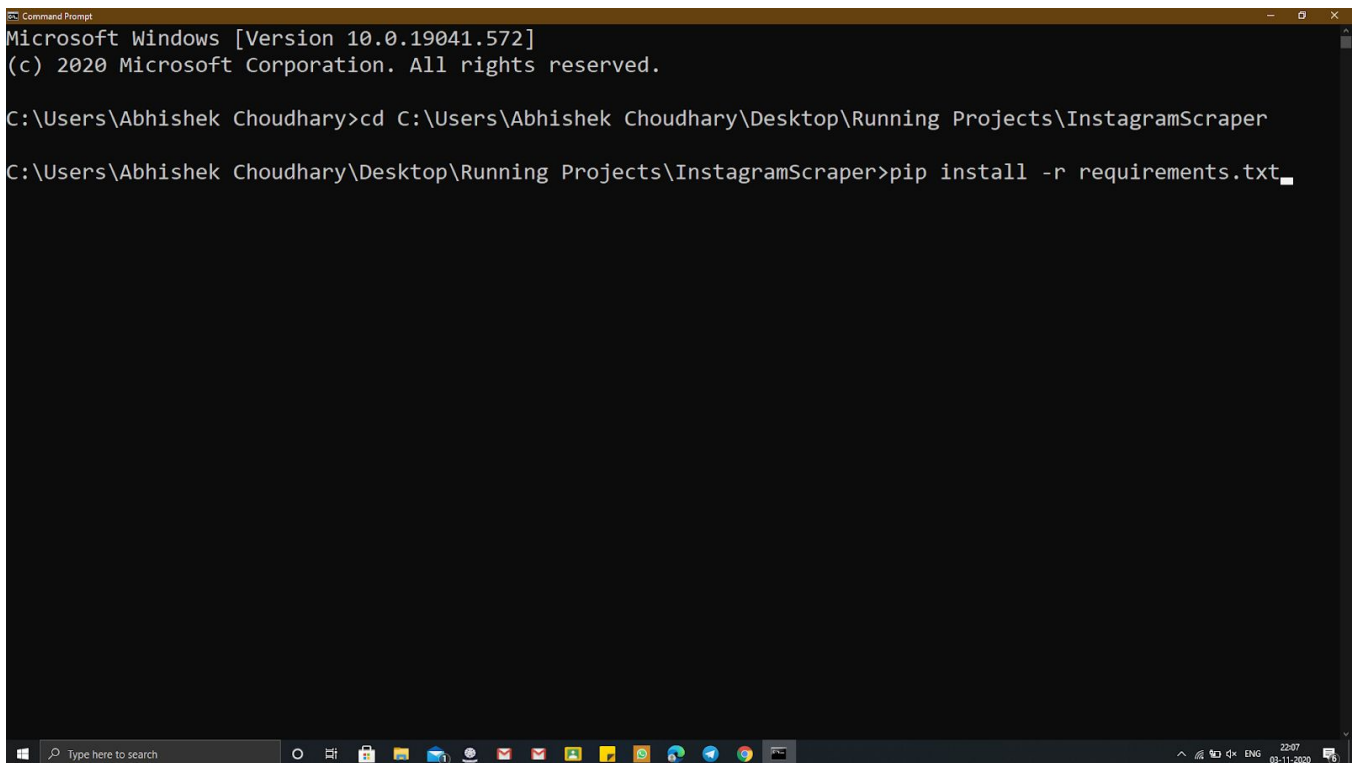
Step 3 : -

Now type pip install -r requirements.txt   to install all the requirements of the scraper

By typing above all the steps we had installed all the requirements of the scraper

And you are ready to run the scraper

Now to RUN the Program follow the following steps : -

1) Type python main.py by this command you will run the instagram Scraper

```
Command Prompt                                                                                    -  □  ×
Microsoft Windows [Version 10.0.19041.572]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\Abhishek Choudhary>cd C:\Users\Abhishek Choudhary\Desktop\Running Projects\InstagramScraper

C:\Users\Abhishek Choudhary\Desktop\Running Projects\InstagramScraper>pip install -r requirements.txt
Requirement already satisfied: selenium==3.141.0 in c:\users\abhishek choudhary\anaconda3\lib\site-packag
es (from -r requirements.txt (line 1)) (3.141.0)
Requirement already satisfied: beautifulsoup4==4.9.1 in c:\users\abhishek choudhary\anaconda3\lib\site-pa
ckages (from -r requirements.txt (line 2)) (4.9.1)
Requirement already satisfied: requests==2.24.0 in c:\users\abhishek choudhary\anaconda3\lib\site-package
s (from -r requirements.txt (line 3)) (2.24.0)
Requirement already satisfied: urllib3 in c:\users\abhishek choudhary\anaconda3\lib\site-packages (from s
elenium==3.141.0->-r requirements.txt (line 1)) (1.25.9)
Requirement already satisfied: soupsieve>1.2 in c:\users\abhishek choudhary\anaconda3\lib\site-packages (
from beautifulsoup4==4.9.1->-r requirements.txt (line 2)) (2.0.1)
Requirement already satisfied: chardet<4,>=3.0.2 in c:\users\abhishek choudhary\anaconda3\lib\site-packag
es (from requests==2.24.0->-r requirements.txt (line 3)) (3.0.4)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\abhishek choudhary\anaconda3\lib\site-packa
ges (from requests==2.24.0->-r requirements.txt (line 3)) (2020.6.20)
Requirement already satisfied: idna<3,>=2.5 in c:\users\abhishek choudhary\anaconda3\lib\site-packages (f
rom requests==2.24.0->-r requirements.txt (line 3)) (2.10)

C:\Users\Abhishek Choudhary\Desktop\Running Projects\InstagramScraper>python main.py
```
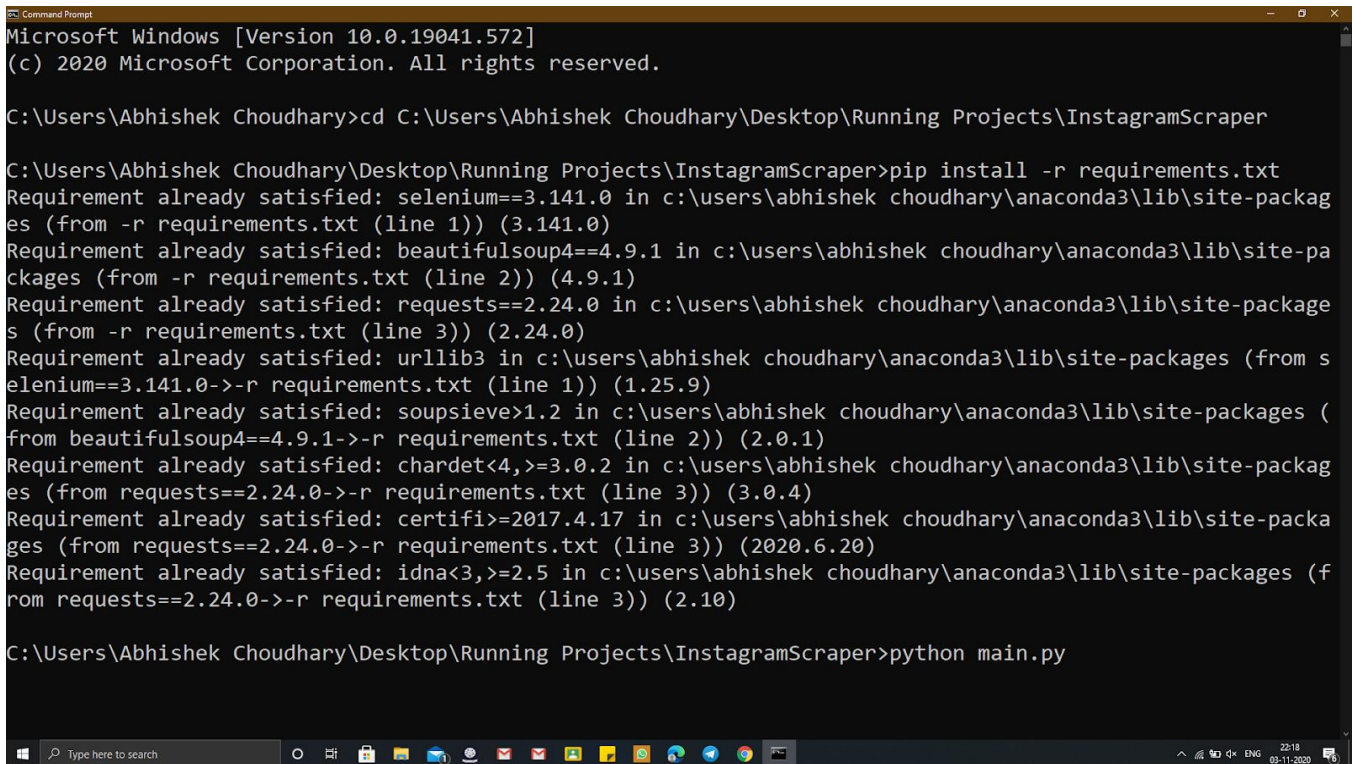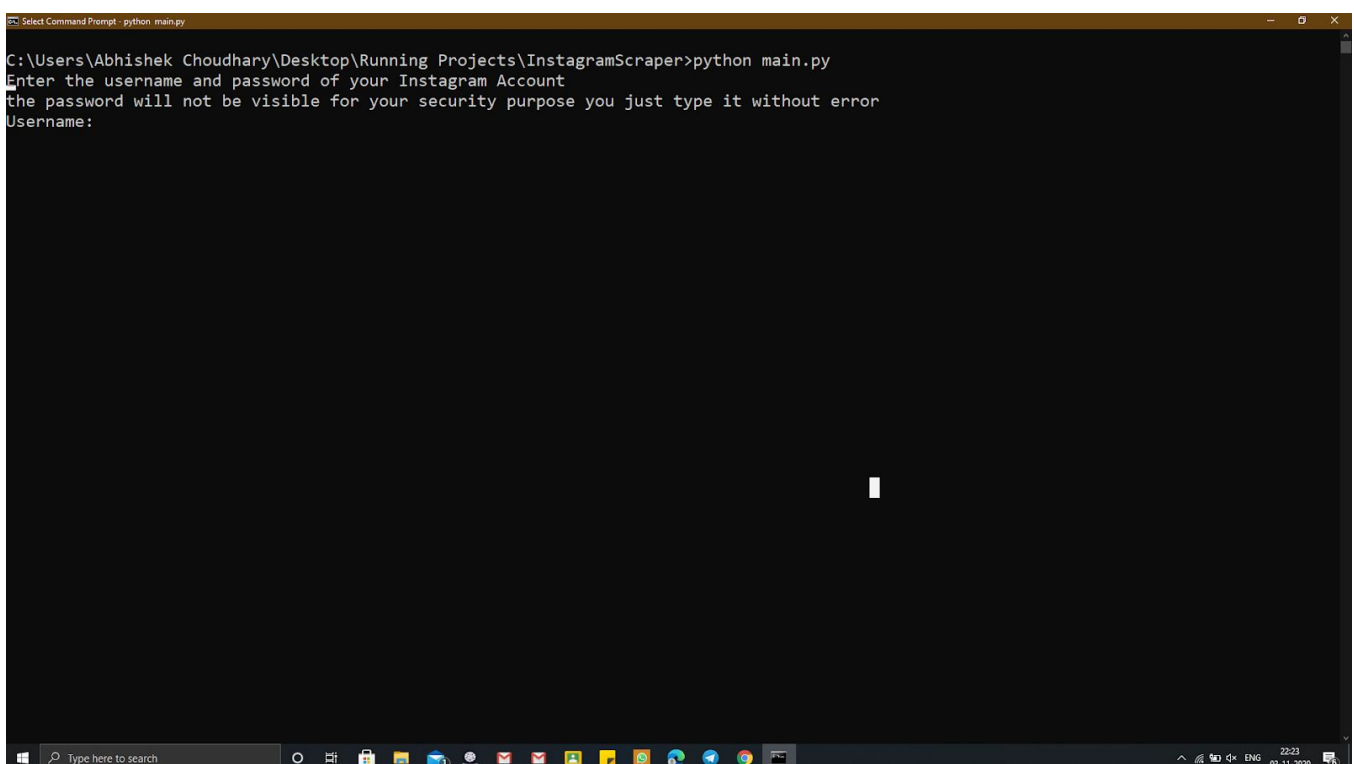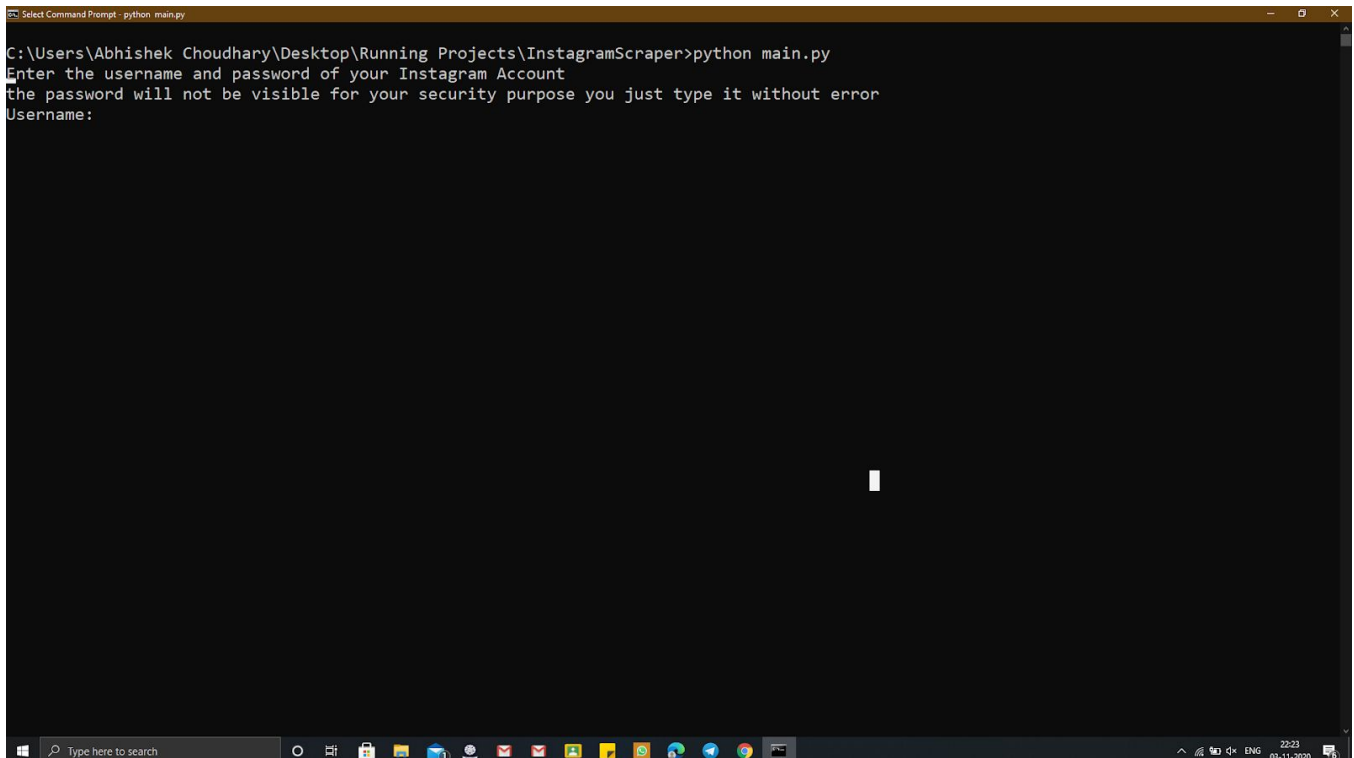
2) After this the screen will look like this

```
Select Command Prompt - python main.py                                                            -  □  ×
C:\Users\Abhishek Choudhary\Desktop\Running Projects\InstagramScraper>python main.py
Enter the username and password of your Instagram Account
the password will not be visible for your security purpose you just type it without error
Username:
```
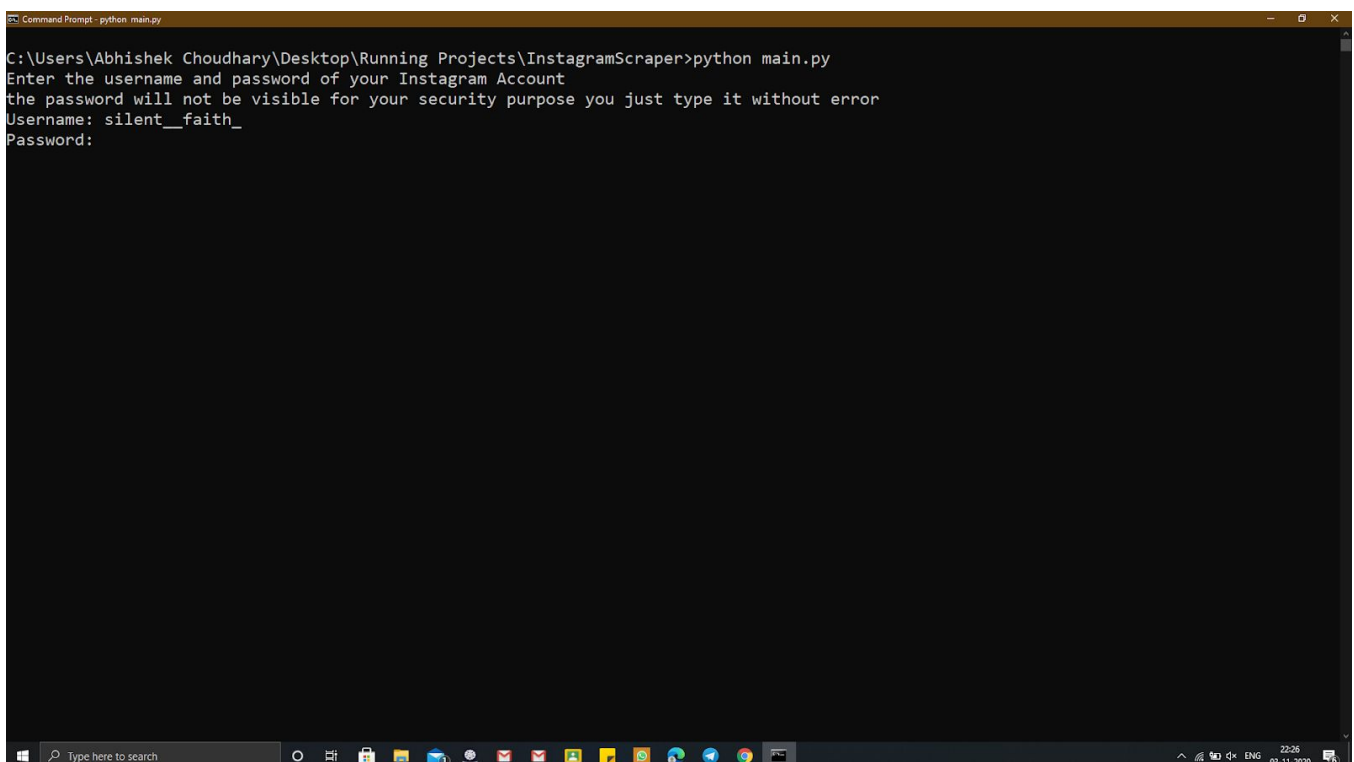
3) Type the username of your instagram account


```
Select Command Prompt - python main.py

C:\Users\Abhishek Choudhary\Desktop\Running Projects\InstagramScraper>python main.py
Enter the username and password of your Instagram Account
the password will not be visible for your security purpose you just type it without error
Username:
```
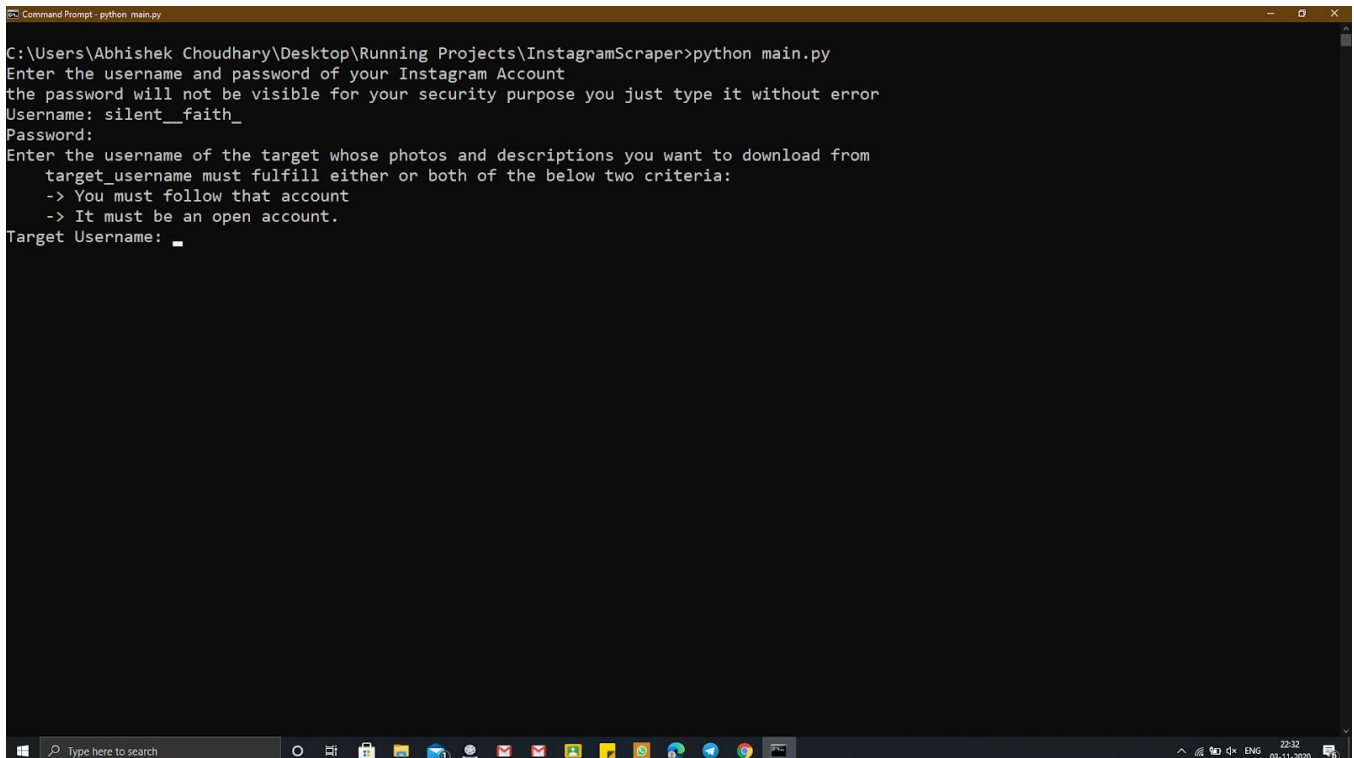
4) Type the password of your instagram account but the password will not be visible to you for your security purpose


```
Command Prompt - python main.py

C:\Users\Abhishek Choudhary\Desktop\Running Projects\InstagramScraper>python main.py
Enter the username and password of your Instagram Account
the password will not be visible for your security purpose you just type it without error
Username: silent__faith_
Password:
```

5) After the screen will not be visible like this


```
Command Prompt - python main.py

C:\Users\Abhishek Choudhary\Desktop\Running Projects\InstagramScraper>python main.py
Enter the username and password of your Instagram Account
the password will not be visible for your security purpose you just type it without error
Username: silent__faith_
Password:
Enter the username of the target whose photos and descriptions you want to download from
    target_username must fulfill either or both of the below two criteria:
    -> You must follow that account
    -> It must be an open account.
Target Username: _
```
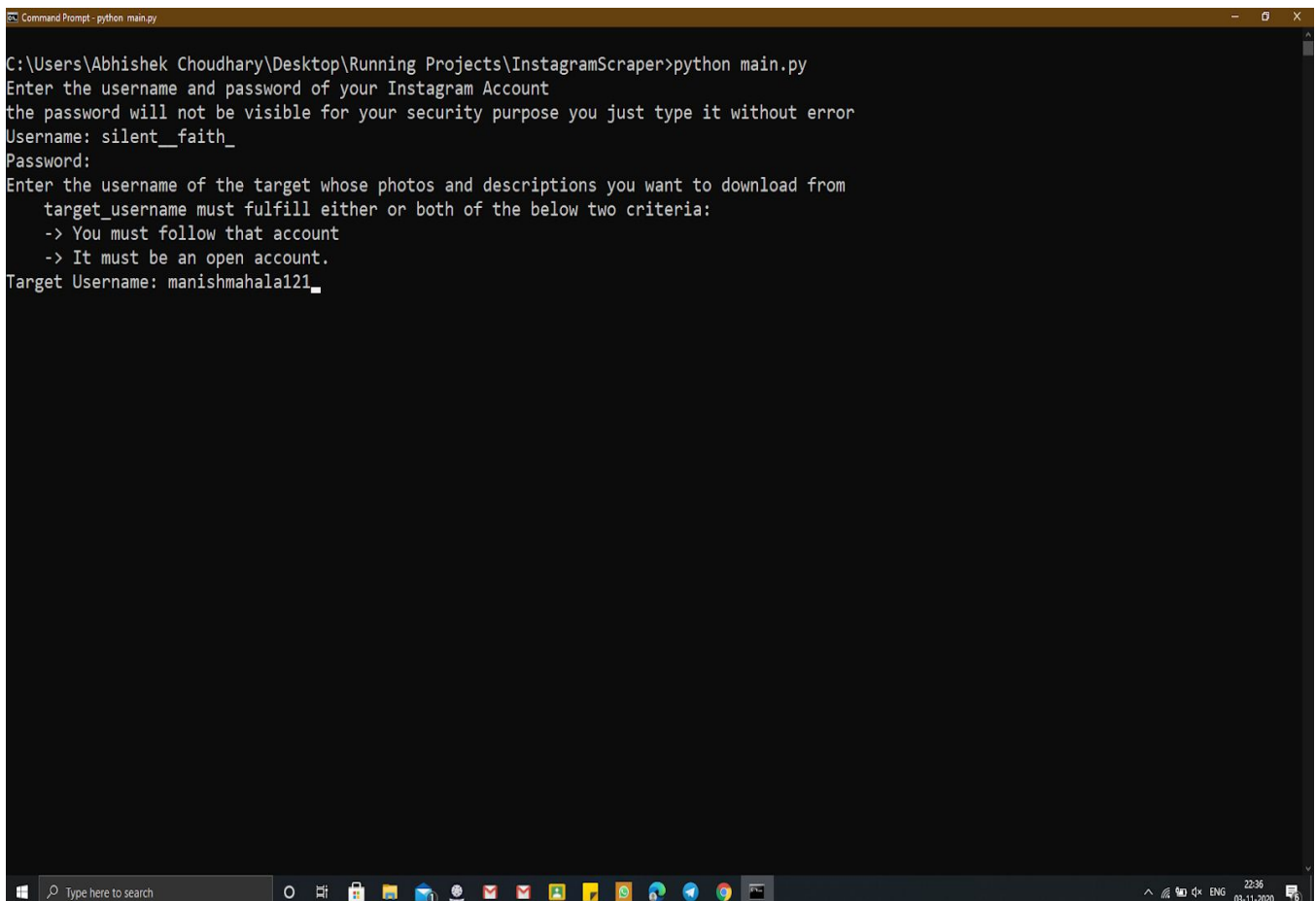
6) Now type the name of the target user whose photo you want to scrap


```
Command Prompt - python main.py

C:\Users\Abhishek Choudhary\Desktop\Running Projects\InstagramScraper>python main.py
Enter the username and password of your Instagram Account
the password will not be visible for your security purpose you just type it without error
Username: silent__faith_
Password:
Enter the username of the target whose photos and descriptions you want to download from
    target_username must fulfill either or both of the below two criteria:
    -> You must follow that account
    -> It must be an open account.
Target Username: manishmahala121_
```

7) After this all the images of the user will be downloaded (the images will be downloaded if and only if the account is public or if it is a follower of you)

8) The images will be downloaded in the data folder in the same folder of the instagram-scraper with name of the instagram user