Lab 4 – OSRFramework

NAME – Student ID	COURSE CODE	WEIGHT
Ishan Aakash Patel - 146151238	CYT130	5%

Upon completion of this lab, I will be able to perform the following:

- Use Kali Linux Terminal Emulator and command line interface;
- Install applications using APT (Advanced Package Tool);
- Install OSRFramework;
- Use OSRFramework to perform OSINT (Open Source Intelligence) tasks;

Lab Materials

- Kali Linux;

Lab Instructions

- Start Kali Linux VM;
- Open Terminal Emulator;
- Use CLI (Command-line interface) to install ethical hacking tools;
- Enter your name and student ID above (Example: Boris Loza - bloza);
- Answer questions and add screenshots into the corresponding textboxes;
- Save the file on your computer for future reference;
- Save the file again as a ".pdf" file;
- Submit the PDF file for grading.

Please note: All screenshots must capture your name and student ID. Otherwise, not acceptable.
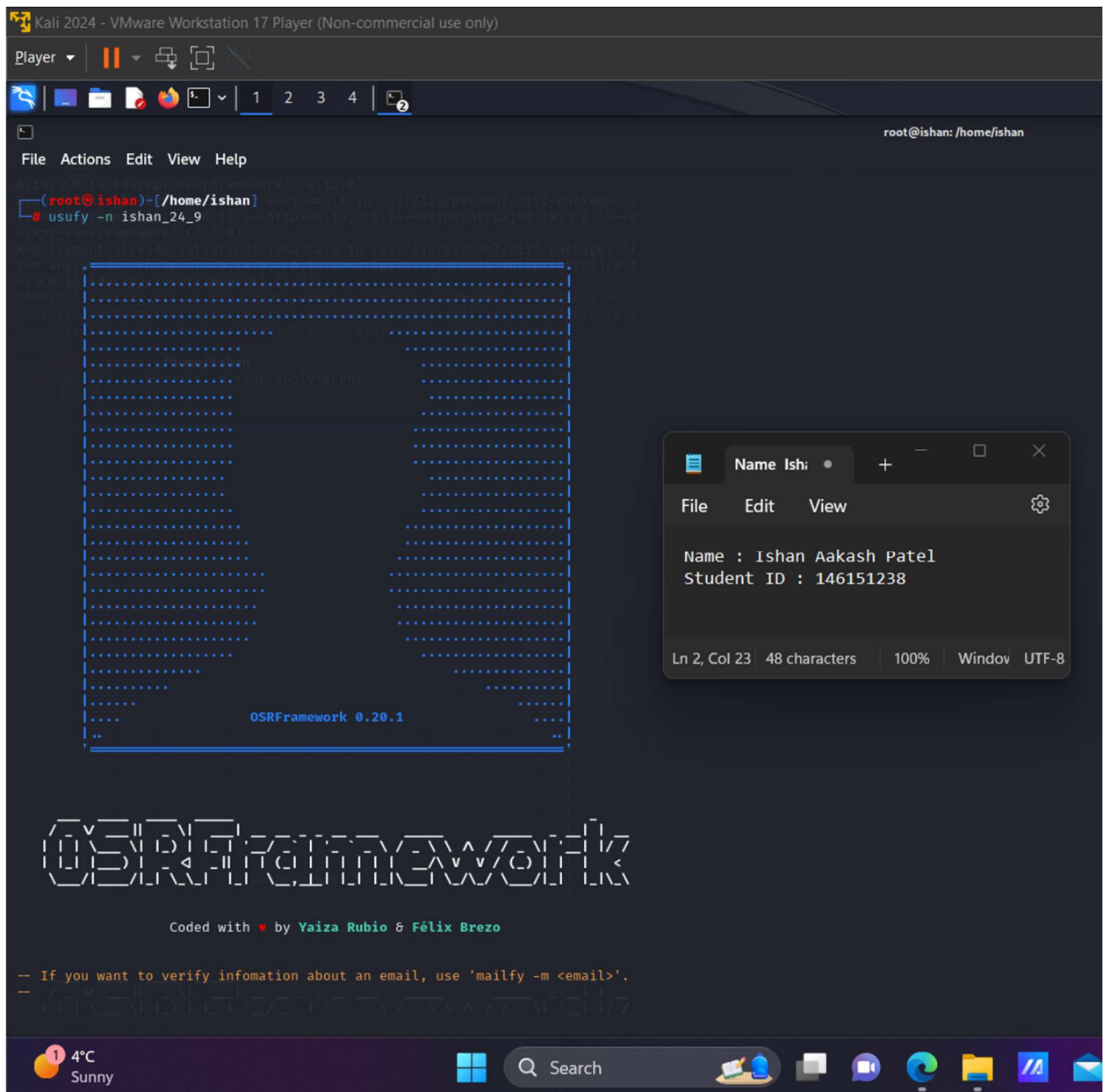
Working with OSRFramework

After completing the installation of OSRFramework, run the framework and type:

usufy -n <your_username>

<mark>*For example*</mark>, typing "*usufy -n borisloza*" will produce the following output:

1. Take a screenshot of *usufy* command output, using **your own name** (Host + e) and insert it below.

Output :

2. *searchfy: Search for the keyword in Facebook, GitHub, Instagram, Twitter, and YouTube.*

$ searchfy -q "senecacollege"
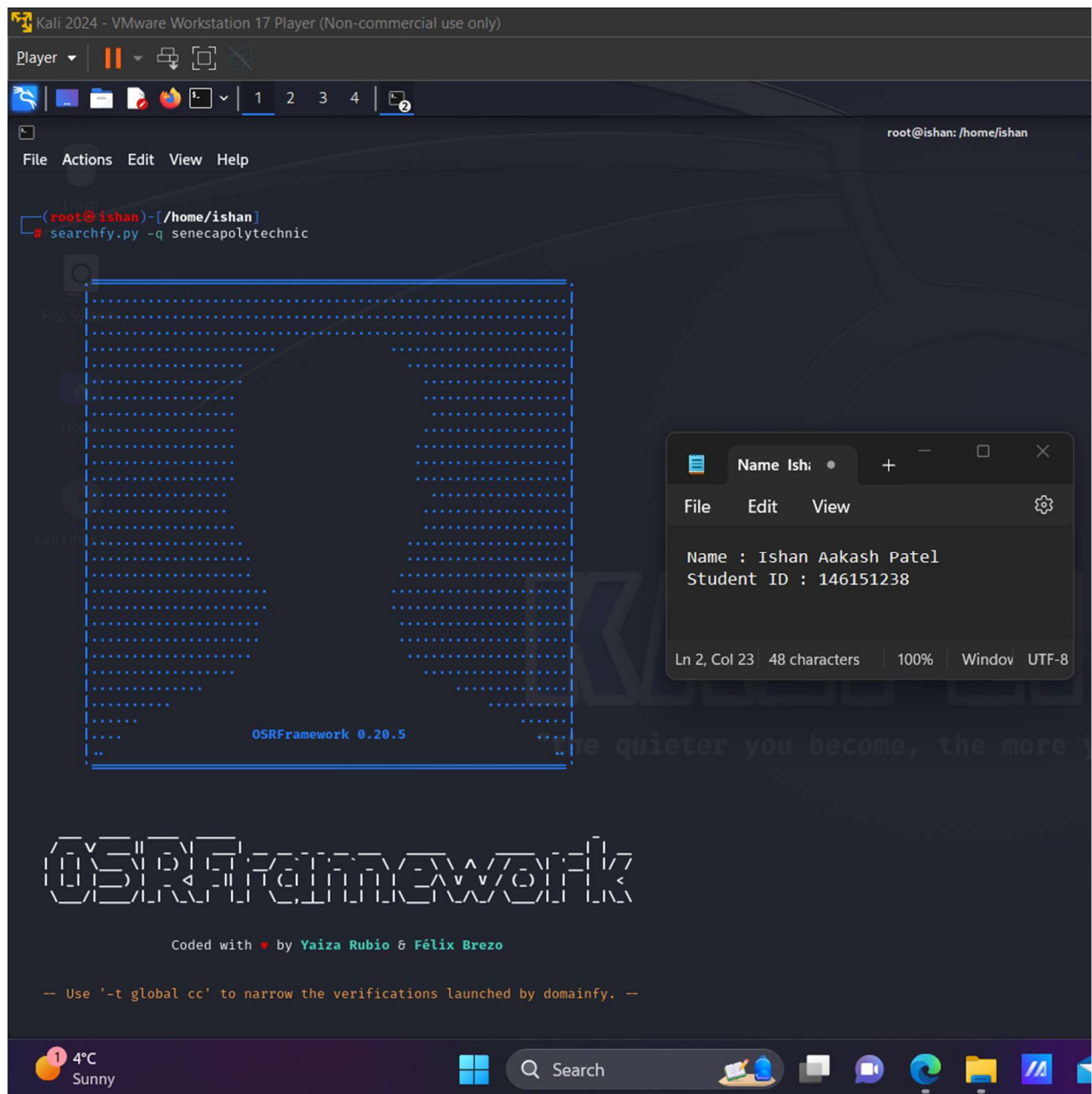
Output :

```
u
are welcome to redistribute it under certain conditions. For additional info,
visit <https://www.gnu.org/licenses/agpl-3.0.txt>.

2024-02-04 15:26:11.198748      Starting search in different platform(s)... R
elax!

        Press <Ctrl + C> to stop ...

        [*] Launching search using the Github module ...
        [*] Launching search using the Instagram module ...
        [*] Launching search using the KeyServerUbuntu module ...

2024-02-04 15:26:16.384439      Results obtained:

+─────────────────+
| No data found ... |
+─────────────────+

2024-02-04 15:26:16.386949      You can find all the information collected in
 the following files:
        ./profiles.csv

2024-02-04 15:26:16.388371      Finishing execution ...

Total time used:        0:00:05.189623
Average seconds/query:  5.189623 seconds


Did something go wrong? Is a platform reporting false positives? Do you need
to
integrate a new one and you don't know how to start? Then, you can always pla
ce
an issue in the Github project:
    https://github.com/i3visio/osrframework/issues
Note that otherwise, we won't know about it!

┌──(root💀ishan)-[/home/ishan]
└─# searchfy.py -q hacker123
```

Name Ishan — Notepad
File   Edit   View

Name : Ishan Aakash Patel
Student ID : 146151238

Ln 2, Col 23   48 characters   100%   Window   UTF-8

```
        [*] Launching search using the Instagram module ...
        [*] Launching search using the KeyServerUbuntu module ...

2024-02-04 15:27:10.266781      Results obtained:

Sheet Name: Objects recovered (2024-2-4_15h27m).
+─────────────────+─────────────────+─────────────────+
                                                        +─────────
───+─────────────────+
| com.i3visio.Platform |  com.i3visio.Email  |
        com.i3visio.URI                      | com.i3visio.Al
ias | com.i3visio.Domain |
+═════════════════+═══════════════════+══
════+─────────────────+
| KeyServerUbuntu      | 1999001@gmail.com   | https://keyserver.ubuntu.com/p
ks/lookup?fingerprint=on&op=index&search=1999001@gmail.com  | 1999001
    | gmail.com          |
+─────────────────+───────────────────+─────────
───+─────────────────+
| KeyServerUbuntu      | hacker123@gmail.com | https://keyserver.ubuntu.com/p
ks/lookup?fingerprint=on&op=index&search=hacker123@gmail.com | hacker123
    | gmail.com          |
+─────────────────+───────────────────+─────────
───+─────────────────+

2024-02-04 15:27:10.343300      You can find all the information collected in
 the following files:
        ./profiles.csv

2024-02-04 15:27:10.343872      Finishing execution ...

Total time used:        0:00:04.903587
Average seconds/query:  4.903587 seconds
```

Name Ishan — Notepad
File   Edit   View

Name : Ishan Aakash Patel
Student ID : 146151238

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3. In your own words, why is OSINT useful?

Open Source Intelligence, or OSINT, is helpful in that it collects data from publicly accessible sources to provide a deeper understanding of an individual, group, or circumstance. To obtain insights, it involves assessing data from sources including websites, social media accounts, and public records. Because OSINT offers a more comprehensive and knowledgeable perspective on the topic of interest, it can be useful for a variety of tasks, including security, investigations, and decision-making.

4. Answer the following question:

✅ **What does the *usufy* command do in OSRFramework?**

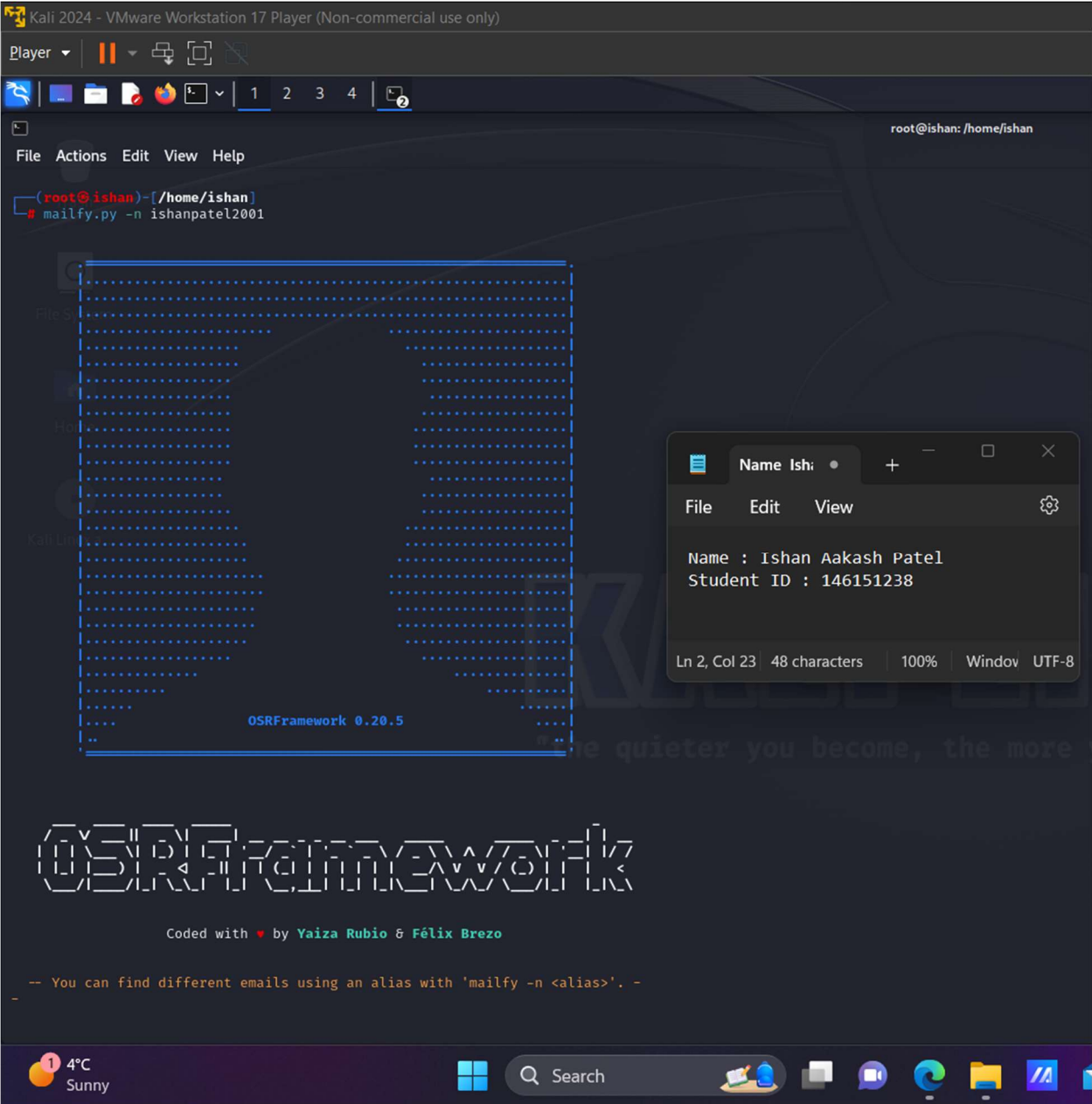Usufy command in OSRFramework checks for a user profile in up to 290 different platforms.

Try other commands:

mailfy: Identify the keyword and add the email domains to the end of the keyword,

and automatically search in haveibeenpawned.com with an API call:

mailfy -n <your_name> (e.g. mailfy -n johndaw)

root@ishan: /home/ishan

File   Actions   Edit   View   Help

┌──(root@ishan)-[/home/ishan]
└─# mailfy.py -n ishanpatel2001

OSRFramework 0.20.5

OSRFramework

Coded with ♥ by Yaiza Rubio & Félix Brezo

-- You can find different emails using an alias with 'mailfy -n <alias>'. -

Name Ish: +

File   Edit   View

Name : Ishan Aakash Patel
Student ID : 146151238

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4°C
Sunny

Search

Output :

Player | ▮▮ ▾ | 1 2 3 4 |

root@ishan: /home/ishan

File Actions Edit View Help

```
[*] 'ishanpatel2001@gmail.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@gmx.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@gmx.de' has NOT registered a domain yet.
[*] 'ishanpatel2001@hotmail.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@hushmail.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@icloud.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@inbox.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@keemail.me' has NOT registered a domain yet.
[*] 'ishanpatel2001@latinmail.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@libero.it' has NOT registered a domain yet.
[*] 'ishanpatel2001@lycos.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@me.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@mail.ru' has NOT registered a domain yet.
[*] 'ishanpatel2001@mail2tor.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@outlook.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@protonmail.ch' has NOT registered a domain yet.
[*] 'ishanpatel2001@protonmail.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@rambler.ru' has NOT registered a domain yet.
[*] 'ishanpatel2001@rocketmail.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@rediffmail.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@seznam.cz' has NOT registered a domain yet.
[*] 'ishanpatel2001@starmedia.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@tuta.io' has NOT registered a domain yet.
[*] 'ishanpatel2001@tutamail.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@tutanota.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@tutanota.de' has NOT registered a domain yet.
[*] 'ishanpatel2001@ya.ru' has NOT registered a domain yet.
[*] 'ishanpatel2001@yahoo.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@yandex.com' has NOT registered a domain yet.
[*] 'ishanpatel2001@yandex.ru' has NOT registered a domain yet.
[*] 'ishanpatel2001@yeah.net' has NOT registered a domain yet.
[*] 'ishanpatel2001@zoho.com' has NOT registered a domain yet.

2024-02-04 14:34:29.943542     Step 3/3. Verifying if the provided emails ca
n be found using DuckDuckGo ...

     Press <Ctrl + C> to skip this step ...

[*] 'ishanpatel2001@126.com' was NOT located using DuckDuckGo.
[*] 'ishanpatel2001@163.com' was NOT located using DuckDuckGo.
[*] 'ishanpatel2001@189.cn' was NOT located using DuckDuckGo.
[*] 'ishanpatel2001@aol.com' was NOT located using DuckDuckGo.
[*] 'ishanpatel2001@bk.ru' was NOT located using DuckDuckGo.
[*] 'ishanpatel2001@breakthru.com' was NOT located using DuckDuckGo.
[*] 'ishanpatel2001@btinternet.com' was NOT located using DuckDuckGo.
[*] 'ishanpatel2001@gmail.com' was NOT located using DuckDuckGo.
[*] 'ishanpatel2001@gmx.com' was NOT located using DuckDuckGo.
[*] 'ishanpatel2001@gmx.de' was NOT located using DuckDuckGo.
[*] 'ishanpatel2001@hotmail.com' was NOT located using DuckDuckGo.
[*] 'ishanpatel2001@hushmail.com' was NOT located using DuckDuckGo.
[*] 'ishanpatel2001@icloud.com' was NOT located using DuckDuckGo.
[*] 'ishanpatel2001@inbox.com' was NOT located using DuckDuckGo.
```

Name Ish: +
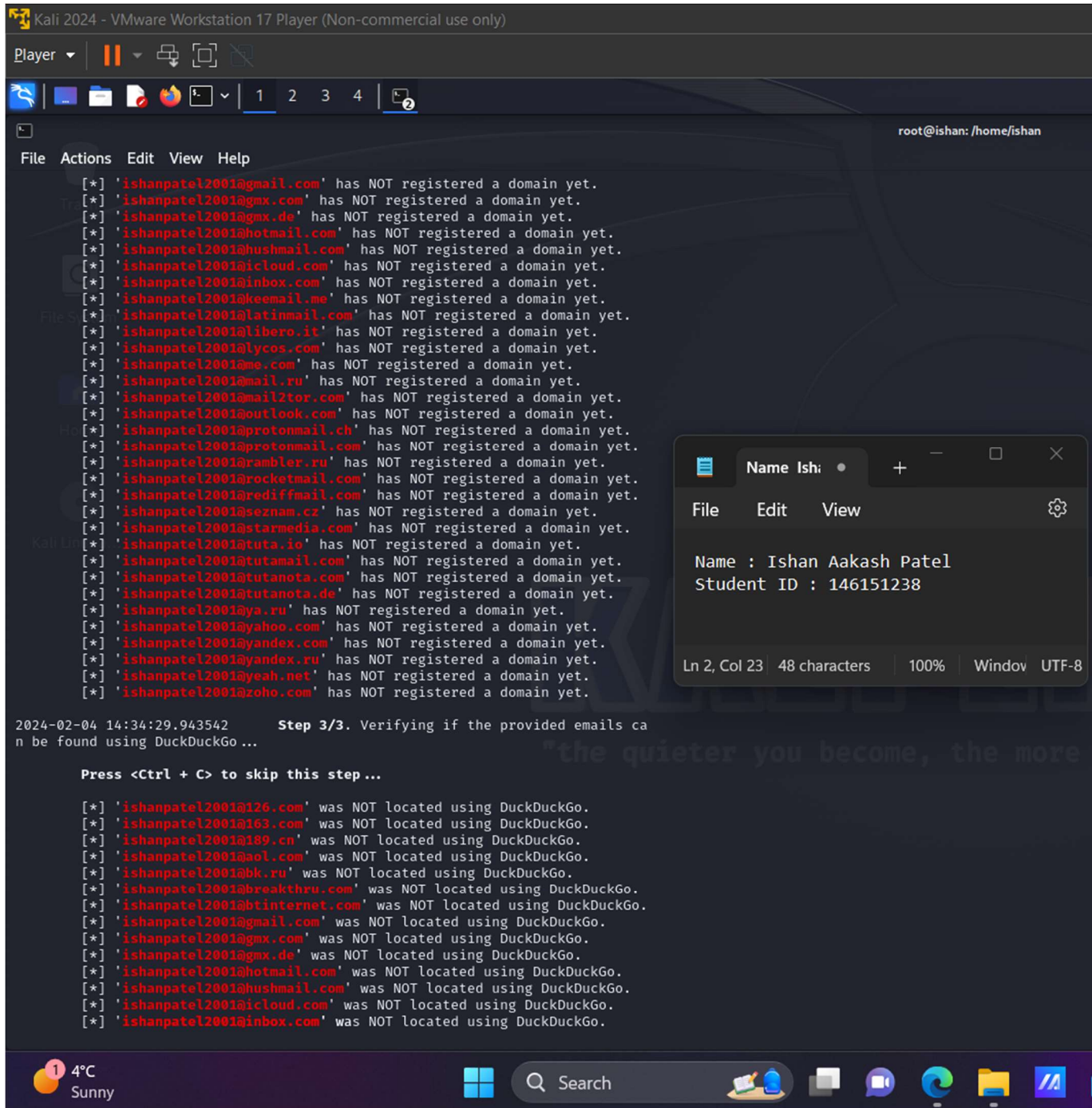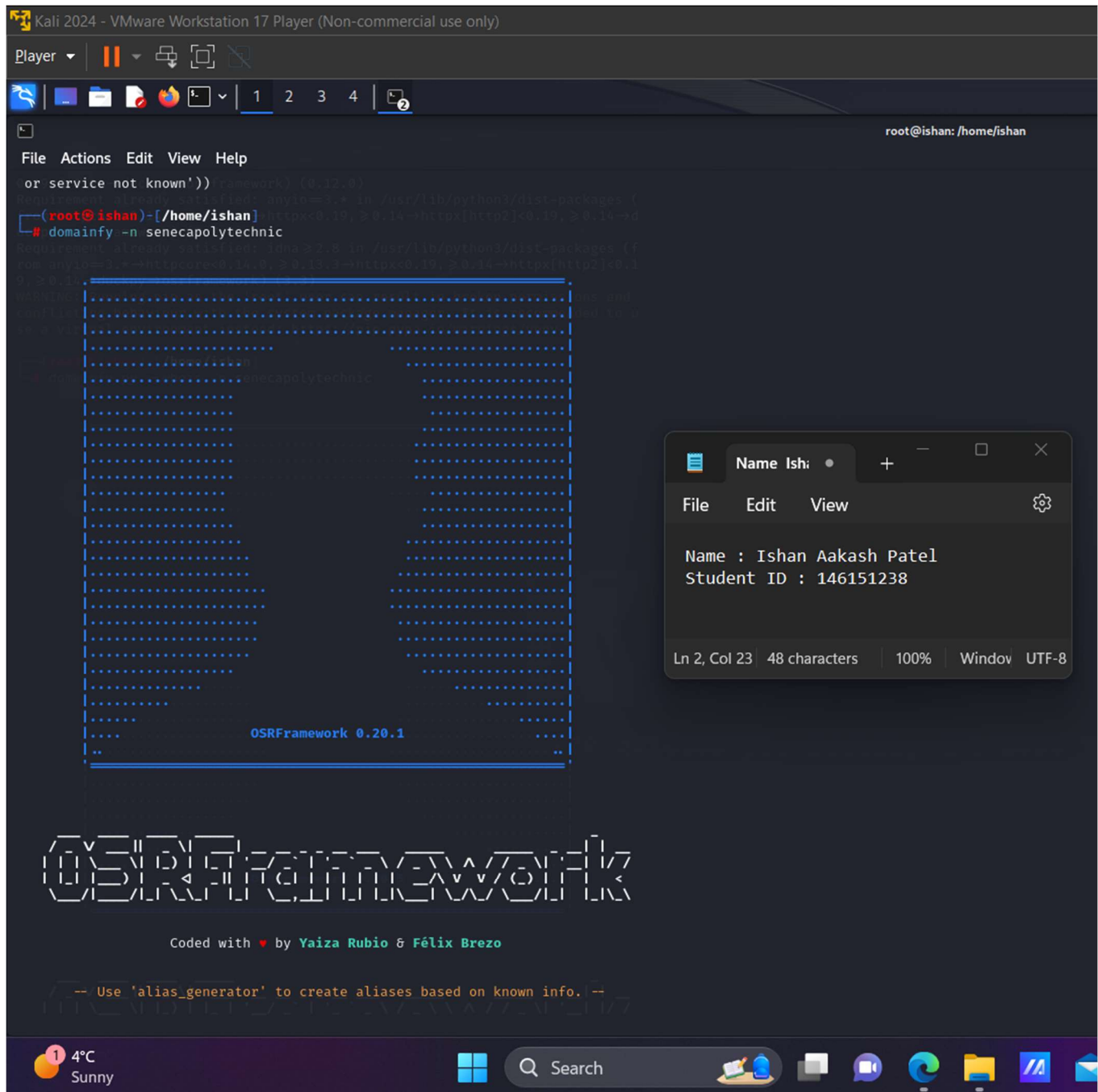
File   Edit   View

Name : Ishan Aakash Patel
Student ID : 146151238

Ln 2, Col 23 | 48 characters | 100% | Window | UTF-8

4°C
Sunny

Q Search

Command - domainfy -n senecacollege

Output :

Command – domainfy.py –whois -n senecapolytechnic

Output :

Command – phonepy -n <your phone number>

Output :

```
2024-02-04 15:24:23.144370      Starting search in different platform(s)... Relax!
        Press <Ctrl + C> to stop...

2024-02-04 15:24:24.871891      Results obtained:

Sheet Name: Objects recovered (2024-2-4_15h24m).
+------------------------------------+---------------------------+
|           com.i3visio.URI          |    com.i3visio.Platform   |
+------------------------------------+---------------------------+
| http://www.infotelefonica.es/4379333357 | Infotelefonica      |
+------------------------------------+---------------------------+

2024-02-04 15:24:24.898472      You can find all the information collected in
 the following files:
        ./profiles.csv

2024-02-04 15:24:24.899624      Finishing execution...

Total time consumed:    0:00:01.755254


Did something go wrong? Is a platform reporting false positives? Do you need to
integrate a new one and you don't know how to start? Then, you can always place
an issue in the Github project:
    https://github.com/i3visio/osrframework/issues
Note that otherwise, we won't know about it!
```

Name : Ishan Aakash Patel
Student ID : 146151238

5. answer the following question:

✅ **What does the _domainfy_ command do in OSRFramework?**

domainfy.py – Checks for the existence of domains

Submit your Lab

🛑 • **Doublecheck all your answers.**
• **Save the file on your computer for future reference.**
• **Save the file again as a ".pdf" file.**
• **Submit the PDF file for grading.**