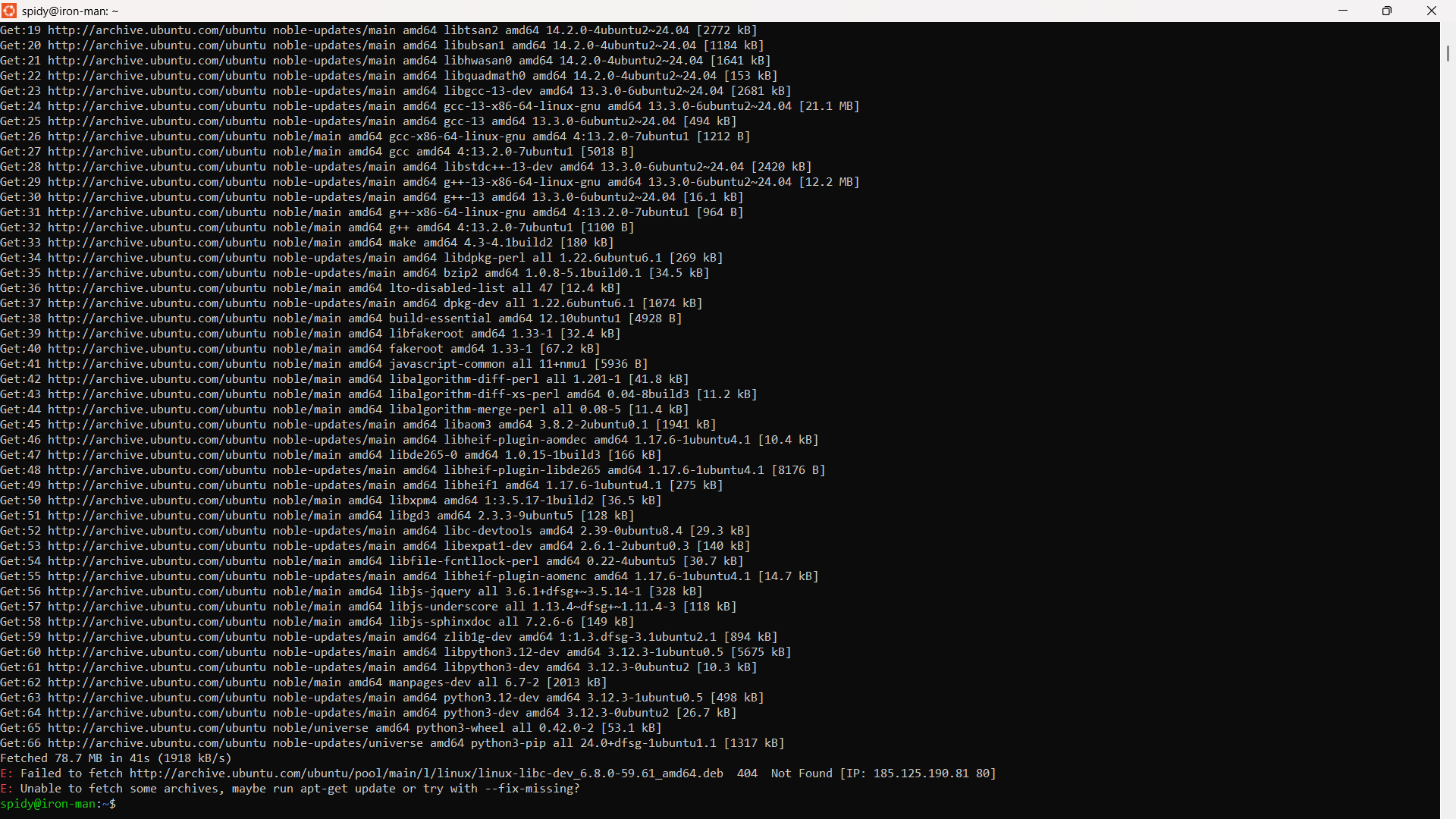
**Task 1:-Basic Network Sniffer**

* Build a python program to capture network traffic packets:
* **Install python3 pip**

A screen shot of a computer

AI-generated content may be incorrect.

* **Install scapy**

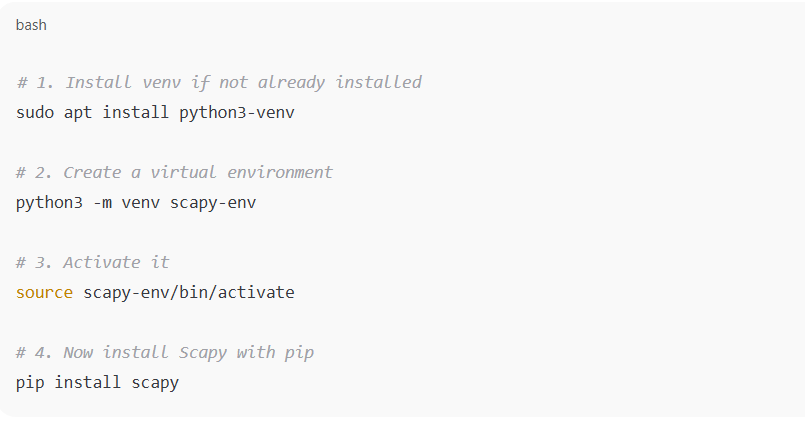


* **Change to a different mirror**

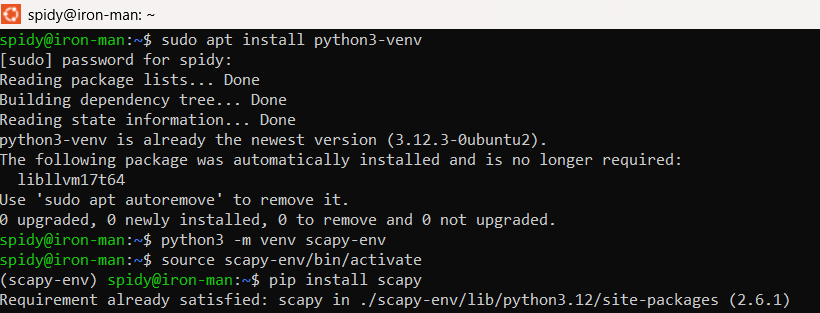
software-properties-gtk

Under the "Ubuntu Software" tab, change the Download from to "Main server" instead of a local mirror.

* **Use a Virtual Environment**

****

* **Activate your virtual environment**

****

* **Create the Python File**

nano task1.py

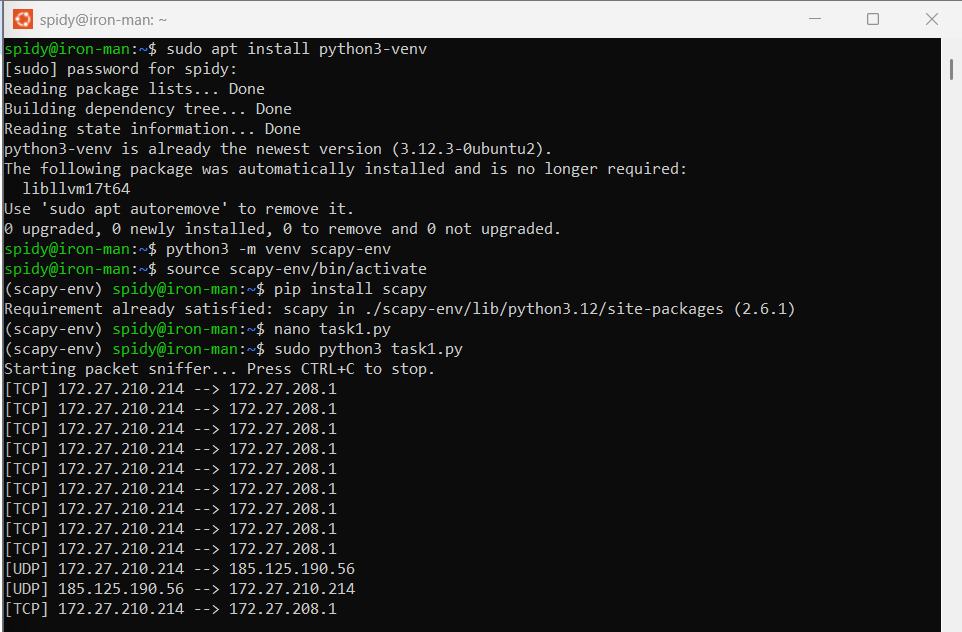
Then type the python program to

A computer screen with green and white text

AI-generated content may be incorrect.

* **Run the Script with Root Permissions**

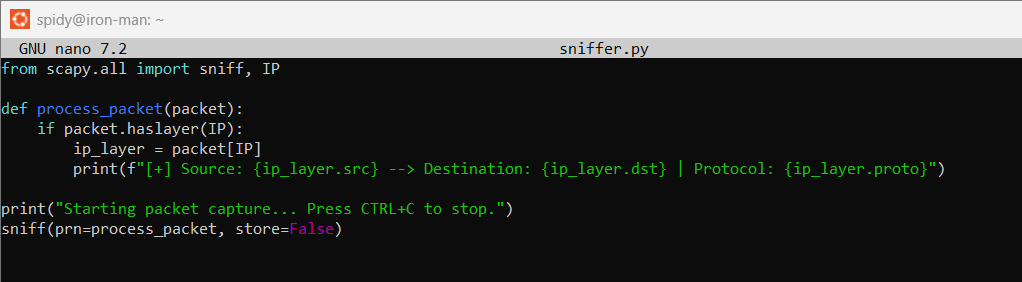
sudo python3 task1.py



* **Create another Python File**

nano sniffer.py

Then type the code



* **Run the Script with Root Permissions**

sudo python3 sniffer.py

