1. Các lệnh đã thực hiện trên máy attacker

```
^C
ubuntu@attacker:~$ history
    1  ifconfig
    2  sudo hping3 -c 10 -i u1 10.10.0.10
    3  apt install nmap
    4  sudo apt install nmap
    5  nmap -sn 10.10.0.0/24
    6  nmap -p 80 -oN scan_result.nmap 10.10.0.10
    7  ls
    8  cat scan_result.nmap
    9  sudo hping3 -c 10000 -d 120 -S -w 64 -p 80 10.10.0.10
   10  history
ubuntu@attacker:~$
```

Cụ thể

```
ubuntu@attacker:~$ nmap -sn 10.10.0.0/24
Starting Nmap 7.80 ( https://nmap.org ) at 2024-09-18 09:44 UTC
Nmap scan report for 10.10.0.1
Host is up (0.0011s latency).
Nmap scan report for ptit-hping3.victim.student.some_network (10.10.0.10)
Host is up (0.00039s latency).
Nmap scan report for attacker (10.10.0.20)
Host is up (0.00086s latency).
Nmap done: 256 IP addresses (3 hosts up) scanned in 2.69 seconds
ubuntu@attacker:~$ nmap -p 80 -oN scan_result.nmap 10.10.0.10
```

```
ubuntu@attacker:~$ nmap -p 80 -oN scan_result.nmap 10.10.0.10
Starting Nmap 7.80 ( https://nmap.org ) at 2024-09-18 09:44 UTC
Nmap scan report for ptit-hping3.victim.student.some_network (10.10.0.10)
Host is up (0.00033s latency).

PORT   STATE SERVICE
80/tcp open  http
```

```
# Nmap done at Wed Sep 18 09:44:59 2024 -- 1 IP address (1 host up) scanned i
ubuntu@attacker:~$ sudo hping3 -c 10000 -d 120 -S -w 64 -p 80 10.10.0.10
HPING 10.10.0.10 (eth0 10.10.0.10): S set, 40 headers + 120 data bytes
```

2. Các lệnh đã thực hiện trên máy victim

```
ubuntu@victim:~$ history
    1  ifconfig
    2  nmap -sn 10.10.0.0/24
    3  uname -a
    4  cat /proc/version
    5  wireshark
    6  sudo wireshark
    7  ls
    8  tshack syn.pcap
    9  sudo apt install tshark
   10  tshack syn.pcap
   11  tshark -r syn.pcap -Y "tcp.flags.syn == 1" | wc -l
   12  history
ubuntu@victim:~$ ls
```

Cụ thể

```
   12  history
ubuntu@victim:~$ ls
syn.pcapng
```

```
ubuntu@victim:~$ tshark -r syn.pcap -Y "tcp.flags.syn == 1" | wc -l
```

```
ubuntu@victim:~$ sudo wireshark
[1]+  Killed                  wireshark
QStandardPaths: XDG_RUNTIME_DIR not set, defaulting to '/tmp/runtime-root'
```

3. Checkwork

```
student@ubuntu:~/labtainer/labtainer-student$ checkwork
Results stored in directory: /home/student/labtainer_xfer/ptit-hping3
Labname ptit-hping3

Student              |          Ping |     nmap_scan | attack_Synflood |   deny_Synflood |
=================== | ============== | ============== | =============== | =============== |
B21DCAT151          |            Y |                |                 |                 |
What is automatically assessed for this lab:
```