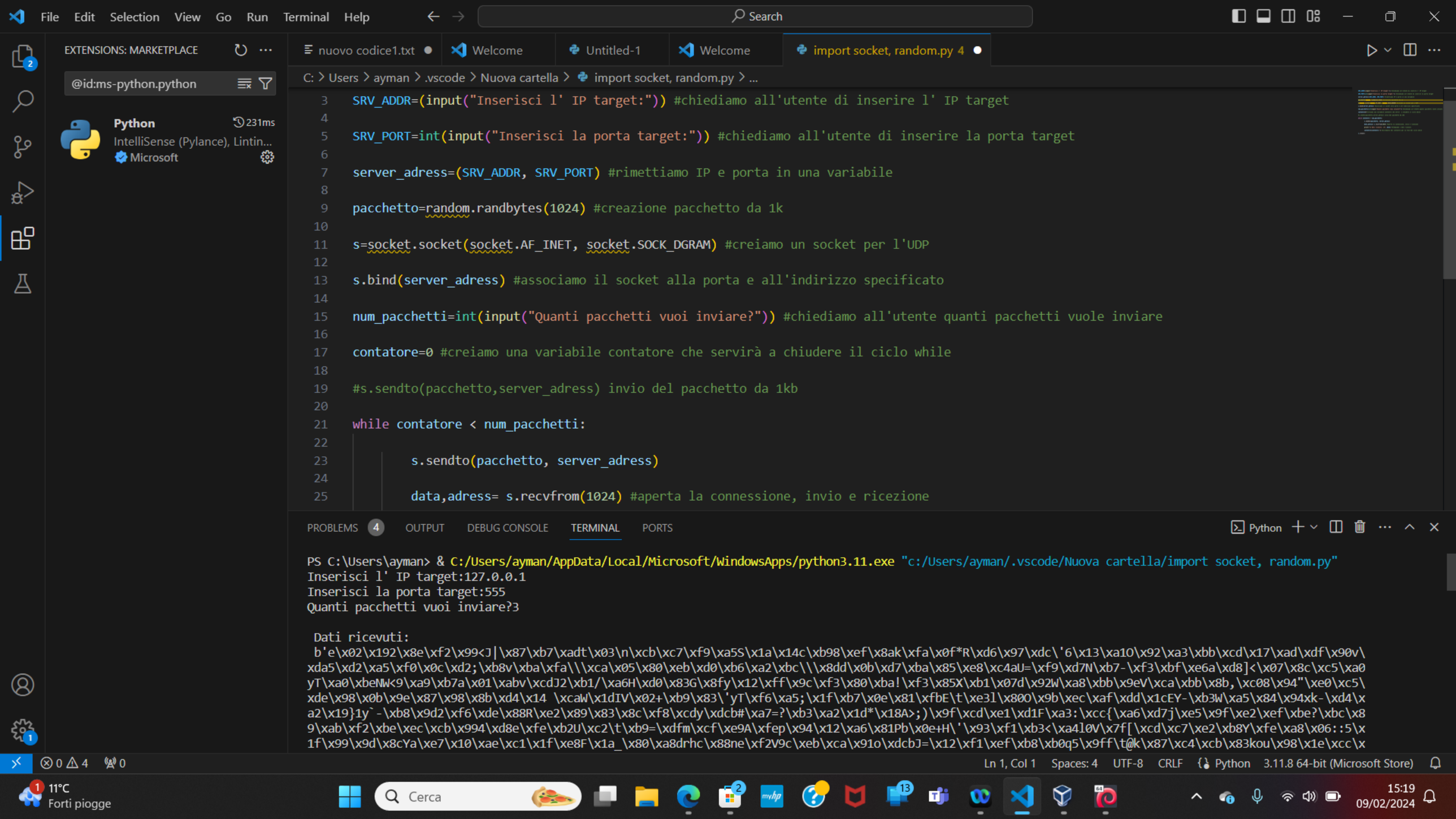
File Edit Selection View Go Run Terminal Help
Search
EXTENSIONS: MARKETPLACE
@id:ms-python.python
Python
231ms
IntelliSense (Pylance), Lintin...
Microsoft
nuovo codice1.txt
Welcome
Untitled-1
Welcome
import socket, random.py 4
C: > Users > ayman > .vscode > Nuova cartella > import socket, random.py > ...
3 SRV_ADDR=(input("Inserisci l' IP target:")) #chiediamo all'utente di inserire l' IP target
4
5 SRV_PORT=int(input("Inserisci la porta target:")) #chiediamo all'utente di inserire la porta target
6
7 server_adress=(SRV_ADDR, SRV_PORT) #rimettiamo IP e porta in una variabile
8
9 pacchetto=random.randbytes(1024) #creazione pacchetto da 1k
10
11 s=socket.socket(socket.AF_INET, socket.SOCK_DGRAM) #creiamo un socket per l'UDP
12
13 s.bind(server_adress) #associamo il socket alla porta e all'indirizzo specificato
14
15 num_pacchetti=int(input("Quanti pacchetti vuoi inviare?")) #chiediamo all'utente quanti pacchetti vuole inviare
16
17 contatore=0 #creiamo una variabile contatore che servirà a chiudere il ciclo while
18
19 #s.sendto(pacchetto,server_adress) invio del pacchetto da 1kb
20
21 while contatore < num_pacchetti:
22
23 s.sendto(pacchetto, server_adress)
24
25 data,adress= s.recvfrom(1024) #aperta la connessione, invio e ricezione
PROBLEMS 4
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Python
PS C:\Users\ayman> & C:/Users/ayman/AppData/Local/Microsoft/WindowsApps/python3.11.exe "c:/Users/ayman/.vscode/Nuova cartella/import socket, random.py"
Inserisci l' IP target:127.0.0.1
Inserisci la porta target:555
Quanti pacchetti vuoi inviare?3
Dati ricevuti:
b'e\x02\x192\x8e\xf2\x99<J|\x87\xb7\xadt\x03\n\xcb\xc7\xf9\xa5S\x1a\x14c\xb98\xef\x8ak\xfa\x0f*R\xd6\x97\xdc\'6\x13\xa1O\x92\xa3\xbb\xcd\x17\xad\xdf\x90v\xda5\xd2\xa5\xf0\x0c\xd2;\xb8v\xba\xfa\\\xca\x05\x80\xeb\xd0\xb6\xa2\xbc\\\x8dd\x0b\xd7\xba\x85\xe8\xc4aU=\xf9\xd7N\xb7-\xf3\xbf\xe6a\xd8]<\x07\x8c\xc5\xa0yT\xa0\xbeNW<9\xa9\xb7a\x01\xabv\xcdJ2\xb1/\xa6H\xd0\x83G\x8fy\x12\xff\x9c\xf3\x80\xba!\xf3\x85X\xb1\x07d\x92W\xa8\xbb\x9eV\xca\xbb\x8b,\xc08\x94"\xe0\xc5\xde\x98\x0b\x9e\x87\x98\x8b\xd4\x14 \xcaW\x1dIV\x02+\xb9\x83\'yT\xf6\xa5;\x1f\xb7\x0e\x81\xfbE\t\xe3l\x80O\x9b\xec\xaf\xdd\x1cEY-\xb3W\xa5\x84\x94xk-\xd4\xa2\x19}1y`-\xb8\x9d2\xf6\xde\x88R\xe2\x89\x83\x8c\xf8\xcdy\xdcb#\xa7=?\xb3\xa2\x1d*\x18A>;)\x9f\xcd\xe1\xd1F\xa3:\xcc{\xa6\xd7j\xe5\x9f\xe2\xef\xbe?\xbc\x89\xab\xf2\xbe\xec\xcb\x994\xd8e\xfe\xb2U\xc2\t\xb9=\xdfm\xcf\xe9A\xfep\x94\x12\xa6\x81Pb\x0e+H\'\x93\xf1\xb3<\xa4l0V\x7f[\xcd\xc7\xe2\xb8Y\xfe\xa8\x06::5\x1f\x99\x9d\x8cYa\xe7\x10\xae\xc1\x1f\xe8F\x1a_\x80\xa8drhc\x88ne\xf2V9c\xeb\xca\x91o\xdcbJ=\x12\xf1\xef\xb8\xb0q5\x9ff\t@k\x87\xc4\xcb\x83kou\x98\x1e\xcc\x
Ln 1, Col 1
Spaces: 4
UTF-8
CRLF
Python
3.11.8 64-bit (Microsoft Store)
11°C
Forti piogge
Cerca
15:19
09/02/2024

File Edit Selection View Go Run Terminal Help

Search

EXTENSIONS: MARKETPLACE

@id:ms-python.python

Python 231ms
IntelliSense (Pylance), Lintin...
Microsoft

nuovo codice1.txt | Welcome | Untitled-1 | Welcome | import socket, random.py 4

C: > Users > ayman > .vscode > Nuova cartella > import socket, random.py > ...

```
18
19  #s.sendto(pacchetto,server_adress) invio del pacchetto da 1kb
20
21  while contatore < num_pacchetti:
22
23          s.sendto(pacchetto, server_adress)
24
25          data,adress= s.recvfrom(1024) #aperta la connessione, invio e ricezione
26
27          print("\n Dati ricevuti: \n", data) #stampiamo i dati ricevuti
28
29          contatore=contatore +1 #incremento del contatore per la fine del ciclo while
30
31  s.close()
32
33
```

PROBLEMS 4 | OUTPUT | DEBUG CONSOLE | TERMINAL | PORTS

Python

```
PS C:\Users\ayman> & C:/Users/ayman/AppData/Local/Microsoft/WindowsApps/python3.11.exe "c:/Users/ayman/.vscode/Nuova cartella/import socket, random.py"
Inserisci l' IP target:127.0.0.1
Inserisci la porta target:555
Quanti pacchetti vuoi inviare?3

 Dati ricevuti:
 b'e\x02\x192\x8e\xf2\x99<J|\x87\xb7\xadt\x03\n\xcb\xc7\xf9\xa5S\x1a\x14c\xb98\xef\x8ak\xfa\x0f*R\xd6\x97\xdc\'6\x13\xa1O\x92\xa3\xbb\xcd\x17\xad\xdf\x90v\
xda5\xd2\xa5\xf0\x0c\xd2;\xb8v\xba\xfa\\\xca\x05\x80\xeb\xd0\xb6\xa2\xbc\\\x8dd\x0b\xd7\xba\x85\xe8\xc4aU=\xf9\xd7N\xb7-\xf3\xbf\xe6a\xd8]<\x07\x8c\xc5\xa0
yT\xa0\xbeNW<9\xa9\xb7a\x01\xabv\xcdJ2\xb1/\xa6H\xd0\x83G\x8fy\x12\xff\x9c\xf3\x80\xba!\xf3\x85X\xb1\x07d\x92W\xa8\xbb\x9eV\xca\xbb\x8b,\xc08\x94"\xe0\xc5\
xde\x98\x0b\x9e\x87\x98\x8b\xd4\x14 \xcaW\x1dIV\x02+\xb9\x83\'yT\xf6\xa5;\x1f\xb7\x0e\x81\xfbE\t\xe3l\x80O\x9b\xec\xaf\xdd\x1cEY-\xb3W\xa5\x84\x94xk-\xd4\x
a2\x19}1y`-\xb8\x9d2\xf6\xde\x88R\xe2\x89\x83\x8c\xf8\xcdy\xdcb#\xa7=?\xb3\xa2\x1d*\x18A>;)\x9f\xcd\xe1\xd1F\xa3:\xcc{\xa6\xd7j\xe5\x9f\xe2\xef\xbe?\xbc\x8
9\xab\xf2\xbe\xec\xcb\x994\xd8e\xfe\xb2U\xc2\t\xb9=\xdfm\xcf\xe9A\xfep\x94\x12\xa6\x81Pb\x0e+H\'\x93\xf1\xb3<\xa4l0V\x7f[\xcd\xc7\xe2\xb8Y\xfe\xa8\x06::5\x
1f\x99\x9d\x8cYa\xe7\x10\xae\xc1\x1f\xe8F\x1a_\x80\xa8drhc\x88ne\xf2V9c\xeb\xca\x91o\xdcbJ=\x12\xf1\xef\xb8\xb0q5\x9ff\t@k\x87\xc4\xcb\x83kou\x98\x1e\xcc\x
```

Ln 1, Col 1 | Spaces: 4 | UTF-8 | CRLF | Python | 3.11.8 64-bit (Microsoft Store)

11°C Forti piogge

Cerca

15:19 09/02/2024

kali-linux-2023.4-virtualbox-amd64 [In esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

1 2 3 4 9:55

Capturing from any

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply a display filter ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
9	63.724920887	127.0.0.1	127.0.0.1	UDP	1068	555 → 555 Len
10	63.724963516	127.0.0.1	127.0.0.1	UDP	1068	555 → 555 Len
11	63.726072603	127.0.0.1	127.0.0.1	UDP	1068	555 → 555 Len
12	63.726207971	127.0.0.1	127.0.0.1	UDP	1068	555 → 555 Len
13	63.726327159	127.0.0.1	127.0.0.1	UDP	1068	555 → 555 Len
14	63.726994921	127.0.0.1	127.0.0.1	UDP	1068	555 → 555 Len
15	77.454862967	10.0.2.15	239.255.255.250	SSDP	212	M-SEARCH * HT
16	78.456817252	10.0.2.15	239.255.255.250	SSDP	212	M-SEARCH * HT
17	79.457494993	10.0.2.15	239.255.255.250	SSDP	212	M-SEARCH * HT
18	80.458735645	10.0.2.15	239.255.255.250	SSDP	212	M-SEARCH * HT

```
▸ Frame 1: 68 bytes on wire (544 bits), 68 byt
▸ Linux cooked capture v1
▸ Internet Protocol Version 4, Src: 127.0.0.1,
▸ Transmission Control Protocol, Src Port: 53
```

```
0000  00 00 03 04 00 06 00 00  00 00 00 00 00
0010  45 00 00 34 57 60 40 00  40 06 e5 61 7f
0020  7f 00 00 01 d1 0c 1f 90  bc 27 66 07 8f
0030  80 10 02 00 fe 28 00 00  01 01 08 0a 25
0040  25 d5 f4 81
```

any: <live capture in progress> | Packets: 18 · Displayed: 18 (100.0%) | Profile: Default

kali@kali: ~/Desktop/esercizi

File Actions Edit View Help

```
4+$1\xe3\xfe\xe3N\xc1\x9e1\rU\xde\xda|Qi\xfd*\xb6\xa2T\xdaBfQ\xb4\xb4\xe9\x18\x8b\xfbdro>\xacs\x83\xcb:5\xffCp\xc7\xce\
x8do\x01\x889\xb7\x08\xd2\xb4\xbe\xc7\xc98\xa5\x10\xcfi\xcbd\x1c\x12;\x9b\xb9CKpCD\xdb\xc1\xd9\xcf\x961\x83\xa3-\x86\x1
e\t+L\xb0\xea_CK\xefuao]\xdc.\xf9T\xda\x94\t`\x92/\x07|\\ fq^\xd9*(\xecE}\x1f?K<\x14\xd9*\xb0\xb2K\xbfOj\xee\xd4\xbc\xa
e<\x9f0\x87\x9a\x1b8}\xa3\xeb\xe23\x1d\xc4\xc4\x83\x85[E\xdc\xf2\xcd\xcc;v=\xf8\x9b)\x0e\x9d\xc8\xac\x19\x92^\xf4\xf7\x
80P\x0f4\xa9\x8a\xd0\x06\xf46\x96O\xb6\x84\xe4\xc0\xc8\xd48\n\xa1\xe9\xca\x0e\xf7\x9dX$\xf8\x14y7C\x1b\xc5$[`\xf0*\x07\
x82\x7fP\xb6\x89\xd0\n\xbaG\xc0\\p\x8as\xdcE\x1eR\xe72e\xcb\x02<Y\x10\xd3\xaa\xb5]\xff\xe2l\xa3\xb7\n\xc9\xce\xbb>D\x89
\xb8\xc33Y\x9ck4\x90p\x82f\xa9\xaf\x85\xd0\x0c\x1c}$k\xecHM\xbc\xd3Y\xdd\x97\xec\xa1v5Reo\xbd\xb5\xdd?n\xa8!\x95r\xa5\x
d0\x1fe\xf8]e4\x8ch\xaa\r\xfc\xe9/\xff\xf2\xda\xe0|\x89l\x81,\x16\x1bh"\x18;\xd7\xb1(Y$\xeedMM\x9ac\x9f\xab>\xb6\x00:\x
fe\x03\x8c+\xde\x95\xf1\xd03\x89\x96\xb9\xd8\x8c\n\r\xf6\xef\xaaj+\x1f\xdd\xa9[\xf3ES\x94\xedV\xb9\xc4u!\x8f|\th\x90\x1
4\x9faED\x1b;m\x9cv\x1f\xd3Byf\xb6\xd4\xba\x1b\xa4\xbf\xb9\xc3\xe0_\xae\xe3\xf1\x83\xc0\x98\xc9\x99\xcc\x8c\x06\xbfS\xb
e^o\xfd\x7f\xacp+L\xe3E\xed\xa7\xf8\x9b\xd7\xe6]\x07_x\xbcr\xa5[\xcd\x9a\x89\x1d\x1fIS\xdd\x02Z\xee\xbd\x1e8k\xf6\x08\x
ac\x1d\x1e\xdf\xb4\'x\x1c\xf8\xeb\xe4\x7f\x9cph\x17\x8f\xd4\xedb\xf2\x1c\x05\xe7\xcb\xf8d\xc2\xefL\x8cB\xdb!\x10\xeb HJ
\x01\xc9\xa4\xcb\xb7\xcf\xb9\xde\x1d\xb5g\xd0\xb7\x7fAr\xea\x1b\xb2D-\xdbH\x1c\xcf\xc0!\r\xb6\x08\x94\xc6\xb8\x90\xda\x
ce\xc9\xd3\x8a\xbaO\xa7Kb!\x9b\x03Cf\n\xe0q'
```

```
┌──(kali㉿kali)-[~/Desktop/esercizi]
└─$
```

tests3.py

"primo.py" | 946 bytes | Python script

File System

sf_Nuova_c...

Network

Browse Network

"the qu ... o hear"

CTRL (DESTRA)

11°C Pioggia

Cerca

15:55 09/02/2024