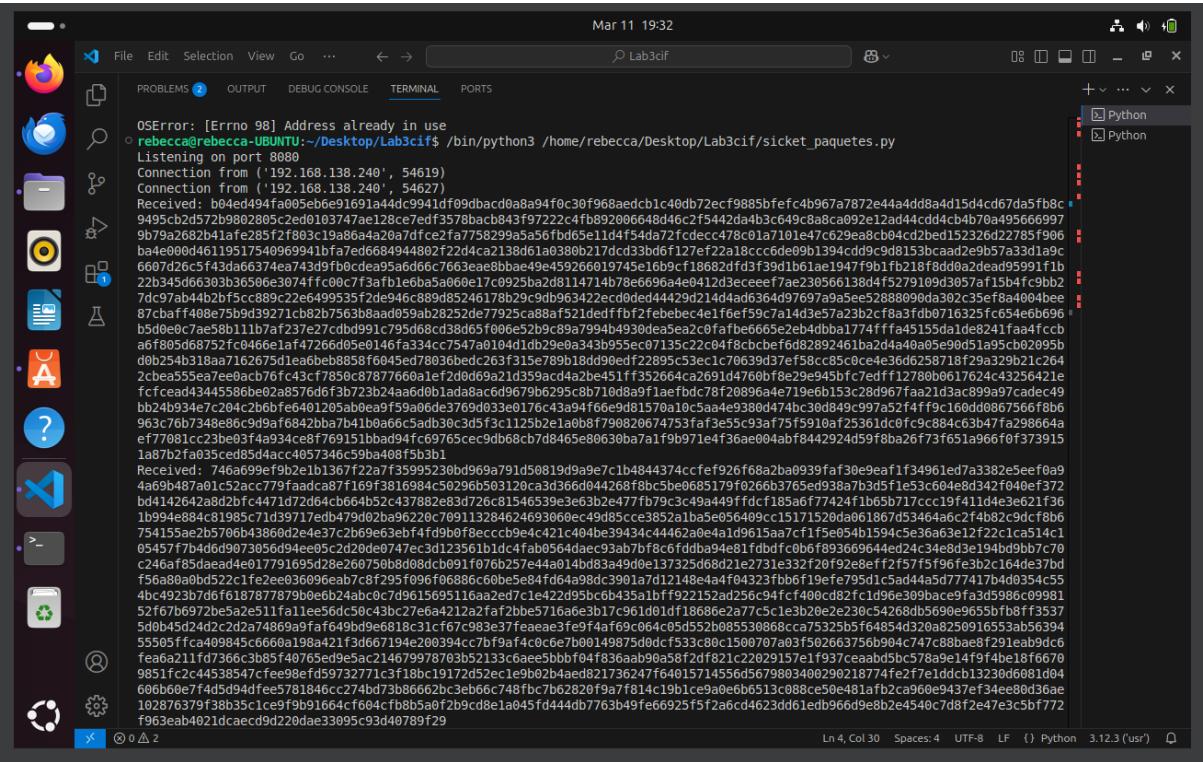


Parte 2

Laboratorio 3

Al probar la conexión y que todo funcionara bien, modificamos el código para que pudiera recibir y enviar paquetes, en este caso, decidimos enviar una imagen.

Cuando el servidor la recibió, esta estaba encriptada.



Luego que vimos su funcionamiento correcto, hicimos otro envío mientras teníamos wireshark escaneando. Este nos retornó el tráfico en la red y en ese tráfico, el envío y recibo de la imagen.

No.	Time	Source	Destination	Protocol	Length Info
35	3.871809196	192.168.138.242	52.168.112.67	TLSv1.3	90 Application Data
33	3.870464276	192.168.138.242	52.168.112.67	TLSv1.3	530 Application Data
31	3.843563966	52.168.112.67	192.168.138.242	TLSv1.3	169 Application Data

[illegible]

No.	Time	Source	Destination	Protocol	Length	Info
35	3.8718091596	192.168.138.242	52.168.112.67	TLSv1.3	90	Application Data
33	3.8700462276	52.168.112.67	192.168.138.242	TLSv1.3	530	Application Data
31	3.843563966	52.168.112.67	192.168.138.242	TLSv1.3	169	Application Data
28	3.733420247	192.168.138.242	52.168.112.67	TLSv1.3	2103	Application Data
27	3.733338027	192.168.138.242	52.168.112.67	TLSv1.3	2842	Application Data
25	3.712345745	52.168.112.67	192.168.138.242	TLSv1.3	4598	Server Hello, Application Data
21	3.622456722	192.168.138.242	52.168.112.67	TLSv1.3	503	Change Cipher Spec, Client Hello (SNI=mobile.events.data.microsoft.com)
19	3.621546297	52.168.112.67	192.168.138.242	TLSv1.3	165	Hello Retry Request, Change Cipher Spec
18	3.512630475	192.168.138.242	52.168.112.67	TLSv1.3	583	Client Hello (SNI=mobile.events.data.microsoft.com)
72	23.048904235	162.159.136.234	192.168.138.242	TLSv1.2	496	Application Data
70	22.101902268	162.159.136.234	192.168.138.242	TLSv1.2	126	Application Data
68	22.022924971	162.159.136.234	192.168.138.242	TLSv1.2	127	Application Data
66	21.432862231	162.159.136.234	192.168.138.242	TLSv1.2	134	Application Data
57	11.618711940	162.159.136.234	192.168.138.242	TLSv1.2	99	Application Data
56	11.538654785	192.168.138.242	162.159.136.234	TLSv1.2	111	Application Data
41	6.527442289	162.159.136.234	192.168.138.242	TLSv1.2	208	Application Data
24	3.606454821	192.168.138.242	52.168.117.171	TLSv1.2	101	Application Data
22	3.695249573	52.168.117.171	192.168.138.242	TLSv1.2	165	Application Data
17	3.561939887	52.168.117.171	192.168.138.242	TLSv1.2	105	Application Data
12	3.454952460	192.168.138.242	52.168.117.171	TLSv1.2	2290	Application Data, Application Data
11	3.454715665	192.168.138.242	52.168.117.171	TLSv1.2	179	Application Data
3	0.081245745	35.186.224.45	192.168.138.242	TLSv1.2	106	Application Data
1	0.000000000	192.168.138.242	35.186.224.45	TLSv1.2	124	Application Data
73	23.048948077	192.168.138.242	152.159.136.234	TCP	66	52236 + 443 [ACK] Seq=64 Ack=795 Win=683 Len=0 TSval=1451530669 TSecr=3797279584