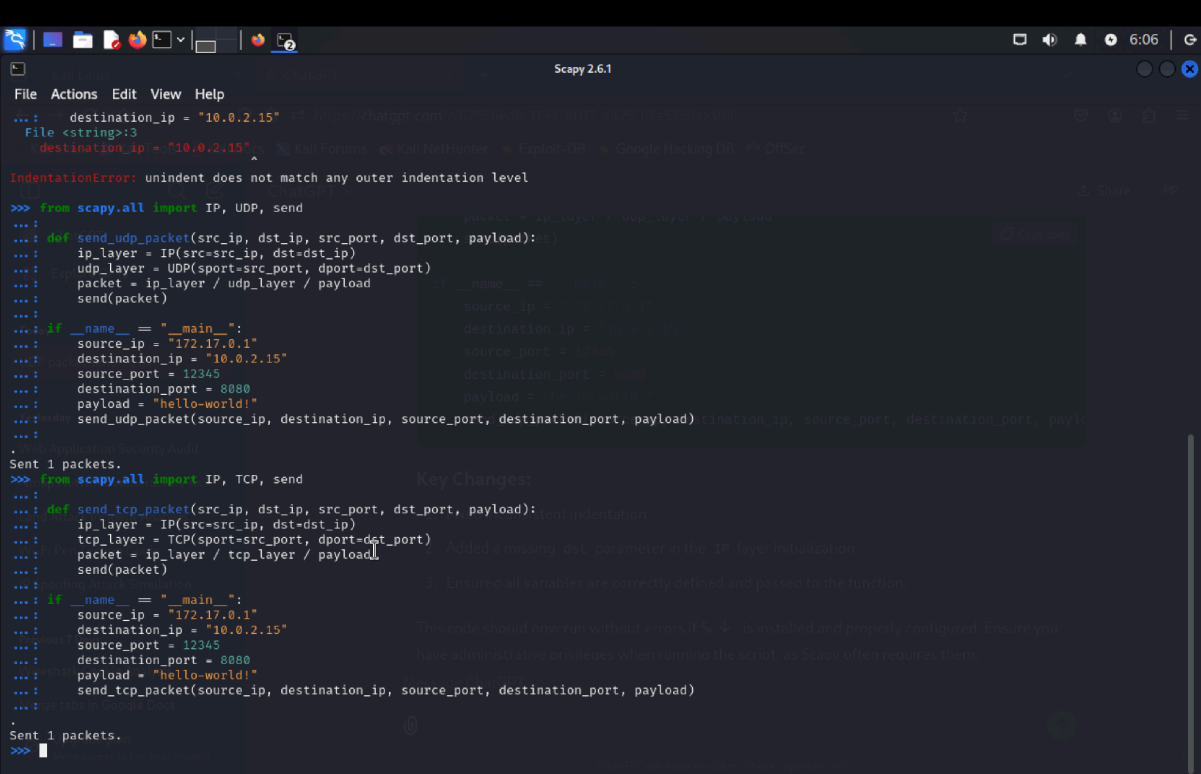


Create and Send TCP Packet using scapy



```
File Actions Edit View Help
...: destination_ip = "10.0.2.15"
File <string>:3
destination_ip = "10.0.2.15"
IndentationError: unindent does not match any outer indentation level

>>> from scapy.all import IP, UDP, send
...:
...: def send_udp_packet(src_ip, dst_ip, src_port, dst_port, payload):
...:     ip_layer = IP(src=src_ip, dst=dst_ip)
...:     udp_layer = UDP(sport=src_port, dport=dst_port)
...:     packet = ip_layer / udp_layer / payload
...:     send(packet)
...:
...: if __name__ == "__main__":
...:     source_ip = "172.17.0.1"
...:     destination_ip = "10.0.2.15"
...:     source_port = 12345
...:     destination_port = 8080
...:     payload = "hello-world!"
...:     send_udp_packet(source_ip, destination_ip, source_port, destination_port, payload)
...:
Sent 1 packets.
>>> from scapy.all import IP, TCP, send
...:
...: def send_tcp_packet(src_ip, dst_ip, src_port, dst_port, payload):
...:     ip_layer = IP(src=src_ip, dst=dst_ip)
...:     tcp_layer = TCP(sport=src_port, dport=dst_port)
...:     packet = ip_layer / tcp_layer / payload
...:     send(packet)
...:
...: if __name__ == "__main__":
...:     source_ip = "172.17.0.1"
...:     destination_ip = "10.0.2.15"
...:     source_port = 12345
...:     destination_port = 8080
...:     payload = "hello-world!"
...:     send_tcp_packet(source_ip, destination_ip, source_port, destination_port, payload)
...:
Sent 1 packets.
>>>
```

Key Changes:

- 1. Indentation
- 2. Added a missing dst parameter in the IP layer initialization.
- 3. Ensured all variables are correctly defined and passed to the function.

This code should now run without errors if Scapy is installed and properly configured. Please you have submitted these exercises when running the exercises Scapy often requires them.

I have send one tcp packet successfully