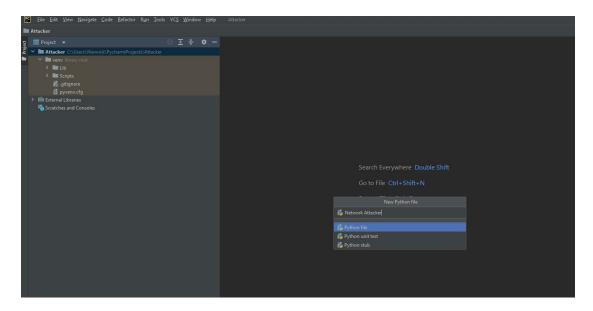
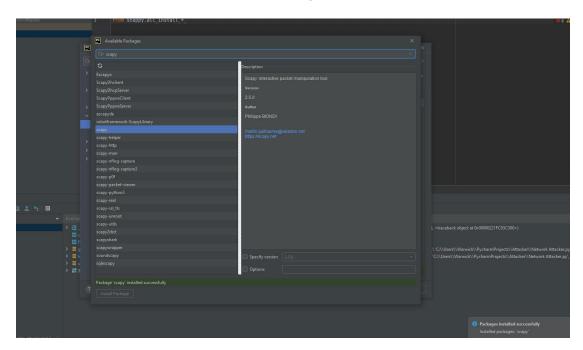
Python Programming for Security - Final Project

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1. Creating New Project



2. Installing Scapy



3,4,5,6. Importing scapy, creating variables and lists

```
target = input("Who's gonna be our target today ?(: ") # --> 4
port = range(1, 1024) # --> 5
open_ports = [] # -->6
closed_ports = [] # for future, might be useful
```

7, 8, 9. Creating function

```
sport = RandShort() # --> 7
conf.verb = 0 # --> 8
SynPkt = sr1(IP(dst=target) / TCP(sport=sport, dport=port, flags="S"), timeout=0.5) # -->9
```

10. Checkinf if Synchronization Packet exist

```
if SynPkt is not None:
return False # --> 10
```

11, 12

Checking for TCP layer and if .flags are equal to 0x12 which is SYN/ACK or SA flag

```
if not SynPkt.haslayer(TCP): # --> 11
    return False

if SynPkt.haslayer(TCP).flags == 0x12: #-->12
    return True
```

13 Sending RST flag

```
if SynPkt.haslayer(TCP).flags == 0x12: #-->12
    rst_pkt = sr1(IP(dst=target) / TCP(sport=sport, dport=port, flags="R"), timeout=2) # --> 13
    send(rst_pkt)
    return True
```

14. After few cprrections it's look like this:

```
| See | Despine Cole | Entered Activation | Property | Cole | Entered Activation | Property | Cole |
```

But i think that better functionality will be here, seems to be working:

```
| Dec. | Early Service | S
```

14 - 20 This time I just tried to create working function followin by instructions, I think showing You couple steps in one picture will be more clear ;)

```
## New Analyses

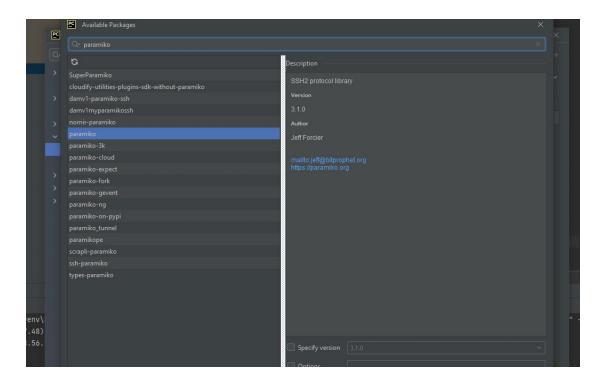
| Survey | Su
```

Seems to work nice

```
### Network Attacker | Street | Street
```

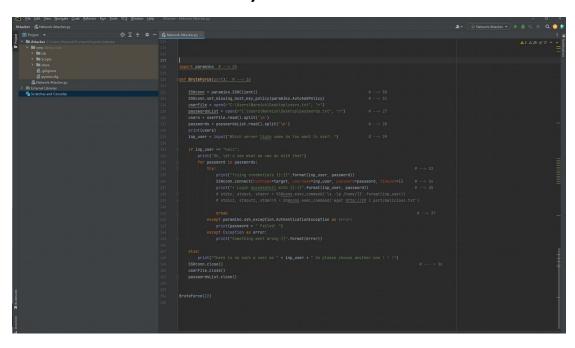
21-24 And we have our ports;)

25. Installing and importing paramiko

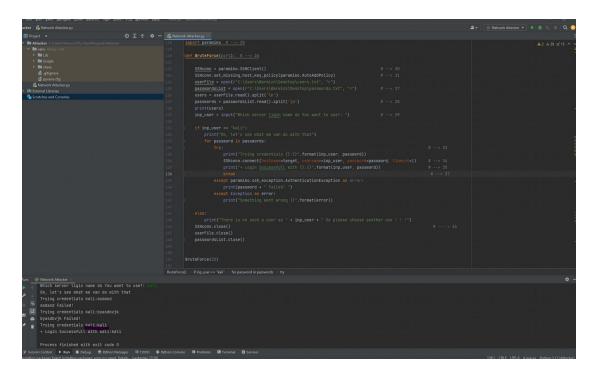


26-37 .

And thats my Bruteforce function



As can we see on the bottom that it works fine! ;)



38

```
Network Attacker ×

| Network Attacker ×
| Port 1023 has 'TOP' Layer port 1023 loesn't have 'SA' Flag Scanning finished port '22' exist in the open port list:
| Network Attacker × | Port 1023 loesn't have 'SA' Flag Scanning finished | Port '22' exist in the open port list:
| This is port list:
```

Now we have to write a program:

for purpose of cleaner output view I've commented view "print's"

That is how My main looks like:

And the output:

I've understanded that I've had to let user pick one user from user list to perform the brute force.

```
## Street Activities (one Enter Pap Date VS glooker Pap Date VS gl
```

But after revision I think that i had to ask user for the userfile and passwordfile, so I've made some correciotns:

```
| Second | S
```

And we brute-forcing all of the users;)



Thank You for the challange, Learn a lot.

I know, still a lot to learn but practice make perfect so I think I'm on good way :)