# COMP 7003 Introduction to Information and Network Security

Assignment-03
Testing

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Test	Expected	Actual	Screenshot
Incorrect IP	fail	pass	Test 1
Incorrect Port	fail	pass	Test 2
Incorrect Filter	fail	fail	Test 3
Too many arguments	fail	pass	Test 4
Localhost Scan	pass	pass	Test 5
Detects local subnet on all ports	pass	pass	Test 6
Remote host, scanning all ports	pass	pass	Test 7
Remote all Hosts scanning a specific port	pass	pass	Test 8
1 host, 1 port	pass	pass	Test 9
1 Host, many ports	pass	pass	Test 10
many host 1 port	pass	pass	Test 11
many host, many ports	pass	pass	Test 12

# **Tests**

```
anmol@anmols-x1:-/Documents/BCIT/comp7003-assign3-v1/source Q = - x
anmol@anmols-x1:-/Documents/BCIT/comp7003-assign3-v1/source$ sudo python3 main.p
y -t 10.0.0.30 -p 800000000
[!] Error parsing ports: Port numbers must be between 1 and 65535.
anmol@anmols-x1:-/Documents/BCIT/comp7003-assign3-v1/source$
```

```
anmol@anmols-x1:-/Documents/BCIT/comp7003-assign3-v1/source Q = - - ×
anmol@anmols-x1:-/Documents/BCIT/comp7003-assign3-v1/source$ sudo python3 main.p
y -t 10.0.0.30 -p 80 --show wromg

[+] Starting scan...

[+] Scanning 10.0.0.30 on ports 80-80...
[*] Scanning 10.0.0.30:80...

[+] 10.0.0.30:80 is open.

[+] Final Scan Summary:

Invalid filter option. Showing all results:
Open Ports:
- 10.0.0.30:80

Closed Ports:
Filtered Ports:

anmol@anmols-x1:~/Documents/BCIT/comp7003-assign3-v1/source$
```

```
anmol@anmols-x1:~/Documents/BCIT/comp7003-assign3-v1/source Q = - ×
anmol@anmols-x1:~/Documents/BCIT/comp7003-assign3-v1/source$ sudo python3 main.p
y -t 10.0.0.30 -p 80 -l
usage: main.py [-h] [-t TARGET] [-p PORTS] [--show SHOW]
main.py: error: unrecognized arguments: -l
anmol@anmols-x1:~/Documents/BCIT/comp7003-assign3-v1/source$
```















