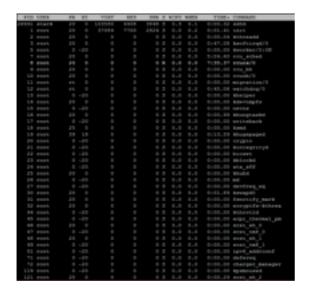Task 3.2

1) Show the process activity in real time with "top" or "ps –A" for all processes

2) Show all running or stopped services with "service --status-all"

3) Finding out the operating system with "cat /etc/*-release

4) Finding out the openSSL version with "dpkg -l openssl"

```
stark@hellgate:~$ dpkg -l openssl
Desired=Unknown/Install/Remove/Purge/Hold
| Status=Not/Inst/Conf-files/Unpacked/halF-conf/Half-inst/trig-aWait/Trig-pend
|/ Err?=(none)/Reinst-required (Status,Err: uppercase=bad)
||/ Name                Version         Architecture Description
+++-===================-===============-============-=================================
ii  openssl             1.0.1f-1ubunt   amd64        Secure Sockets Layer toolkit - crypto
```

5) Finding out the ip addresses with "/sbin/ifconfig"

6) Show all TCP ports with nmap using "nmap -sT 10.0.0.1"

```
stark@hellgate:~$ nmap -sT 10.0.0.1

Starting Nmap 7.12 ( https://nmap.org ) at 2016-05-24 15:24 CEST
Nmap scan report for 10.0.0.1
Host is up (0.000077s latency).
Not shown: 996 closed ports
PORT    STATE SERVICE
22/tcp  open  ssh
111/tcp open  rpcbind
139/tcp open  netbios-ssn
445/tcp open  microsoft-ds

Nmap done: 1 IP address (1 host up) scanned in 16.57 seconds
```