Process Survey

1. What root-owned processes are running?

(a) Of course the processes are a lot and the below images show them all. However, in order to get the processes that are running as root I used the command: *ps -u root*

(b) The command used is: *Abduls-MacBook-Pro:/ AbdulZaid$ ps -u root*

(c)

```
Abduls-MacBook-Pro:/ AbdulZaid$ ps -u root
UID    PID TTY          TIME CMD
  0      1 ??        9:47.10 /sbin/launchd
  0     11 ??        1:31.35 /usr/libexec/UserEventAgent (System)
  0     12 ??        0:05.77 /usr/libexec/kextd
  0     13 ??        0:24.11 /usr/libexec/taskgated -s
  0     14 ??        2:53.33 /usr/sbin/securityd -i
  0     15 ??        1:09.49 /usr/sbin/notifyd
  0     16 ??        0:56.64 /System/Library/CoreServices/powerd.bundle/power
  0     17 ??        2:06.44 /usr/libexec/configd
  0     18 ??        0:08.70 /usr/libexec/diskarbitrationd
  0     19 ??        2:26.52 /usr/sbin/distnoted daemon
  0     20 ??        2:19.54 /usr/sbin/syslogd
  0     21 ??        1:44.45 /usr/libexec/opendirectoryd
  0     25 ??        0:02.82 /usr/libexec/warmd
  0     29 ??        0:01.45 /usr/libexec/stackshot -t
  0     32 ??        0:00.12 /System/Library/CoreServices/SleepServicesD
  0     34 ??        0:18.68 /System/Library/PrivateFrameworks/GenerationalSt
  0     39 ??       28:16.78 /System/Library/Frameworks/CoreServices.framewor
501     43 ??        2:13.39 /System/Library/CoreServices/loginwindow.app/Con
  0     44 ??        0:00.41 /System/Library/CoreServices/logind
  0     46 ??        0:00.04 /usr/sbin/KernelEventAgent
```

```
  0    116 ??        0:02.31 /usr/libexec/networkd_privileged
  0    125 ??        0:01.61 /System/Library/Frameworks/OpenGL.framework/Vers
  0    164 ??        0:08.03 /usr/sbin/racoon -D
  0    165 ??        0:04.98 /usr/libexec/securityd_service
  0    227 ??        0:07.50 /usr/sbin/filecoordinationd
  0    283 ??        0:02.86 /usr/libexec/syspolicyd
  0    417 ??        3:05.83 /System/Library/Frameworks/CoreMediaIO.framework
  0    484 ??        0:40.12 /sbin/launchd
  0    487 ??        0:00.09 /System/Library/Frameworks/CoreServices.framewor
  0  31580 ??        0:04.56 /usr/sbin/cfprefsd daemon
  0  31583 ??        0:07.19 /usr/libexec/systemstatsd
  0  31615 ??        0:00.18 com.apple.CodeSigningHelper
  0  32693 ??        0:02.55 /usr/sbin/ocspd
  0  32877 ??        0:00.28 sysmond
  0  32951 ??        0:00.06 /System/Library/PrivateFrameworks/SoftwareUpdate
  0  32952 ??        0:00.03 /usr/libexec/xpcd
  0  33105 ??        0:00.19 /usr/libexec/sandboxd -n PluginProcess -n
  0  33110 ??        0:00.02 /System/Library/PrivateFrameworks/CoreSymbolicat
  0  33178 ??        3:02.14 com.apple.coremedia.videodecoder
  0  33217 ??        0:00.03 /System/Library/PrivateFrameworks/TCC.framework/
```

```
501     43 ??        2:13.39 /System/Library/CoreServices/loginwindow.app/Con
  0     44 ??        0:00.41 /System/Library/CoreServices/logind
  0     46 ??        0:00.04 /usr/sbin/KernelEventAgent
  0     48 ??       38:15.21 /usr/libexec/hidd
  0     49 ??        5:02.54 /System/Library/Frameworks/CoreServices.framewor
  0     51 ??        0:00.02 /sbin/dynamic_pager -F /private/var/vm/swapfile
  0     54 ??        1:11.48 /System/Library/CoreServices/launchservicesd
  0     59 ??        0:07.08 /usr/sbin/awacsd
  0     60 ??        0:01.46 autofsd
  0     61 ??        0:31.08 /System/Library/PrivateFrameworks/ApplePushServi
  0     63 ??        1:47.64 /usr/libexec/airportd
  0     65 ??        1:44.90 /System/Library/CoreServices/coreservicesd
  0     69 ??        0:04.67 com.apple.authd
  0     82 ??       12:44.46 /System/Library/Frameworks/CoreServices.framewor
 88     85 ??      293:42.85 /System/Library/Frameworks/ApplicationServices.f
  0     96 ??        0:12.36 /usr/libexec/usbd
  0     97 ??        0:03.51 /usr/sbin/ntpd -c /private/etc/ntp-restrict.conf
  0     98 ??        0:04.89 /usr/sbin/cupsd -l
  0    100 ??        1:10.54 /usr/libexec/pacemaker -b -e 0.0001 -a 10
  0    116 ??        0:02.31 /usr/libexec/networkd_privileged
  0    125 ??        0:01.61 /System/Library/Frameworks/OpenGL.framework/Vers
  0    164 ??        0:08.03 /usr/sbin/racoon -D
  0    165 ??        0:04.98 /usr/libexec/securityd_service
  0    227 ??        0:07.50 /usr/sbin/filecoordinationd
```