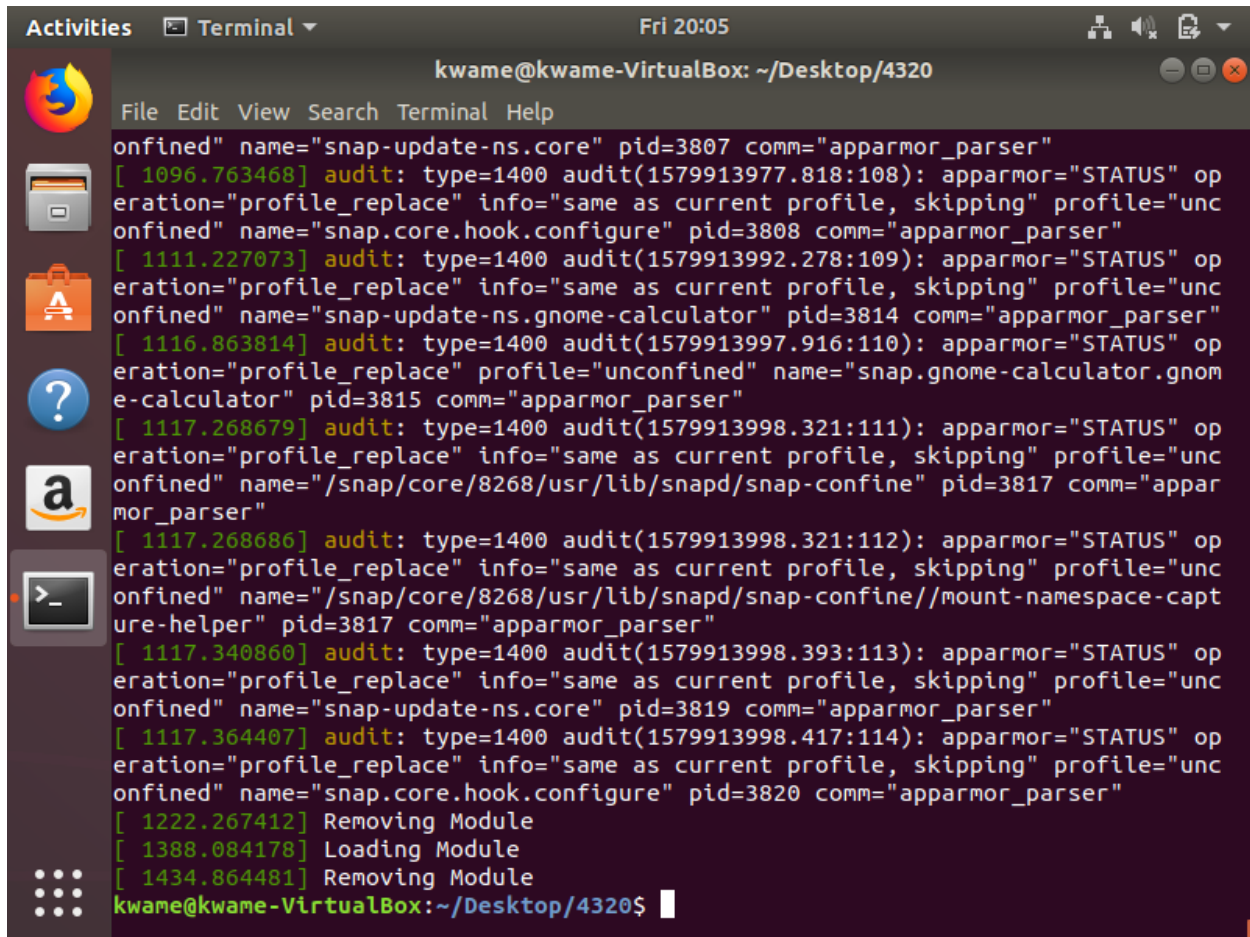


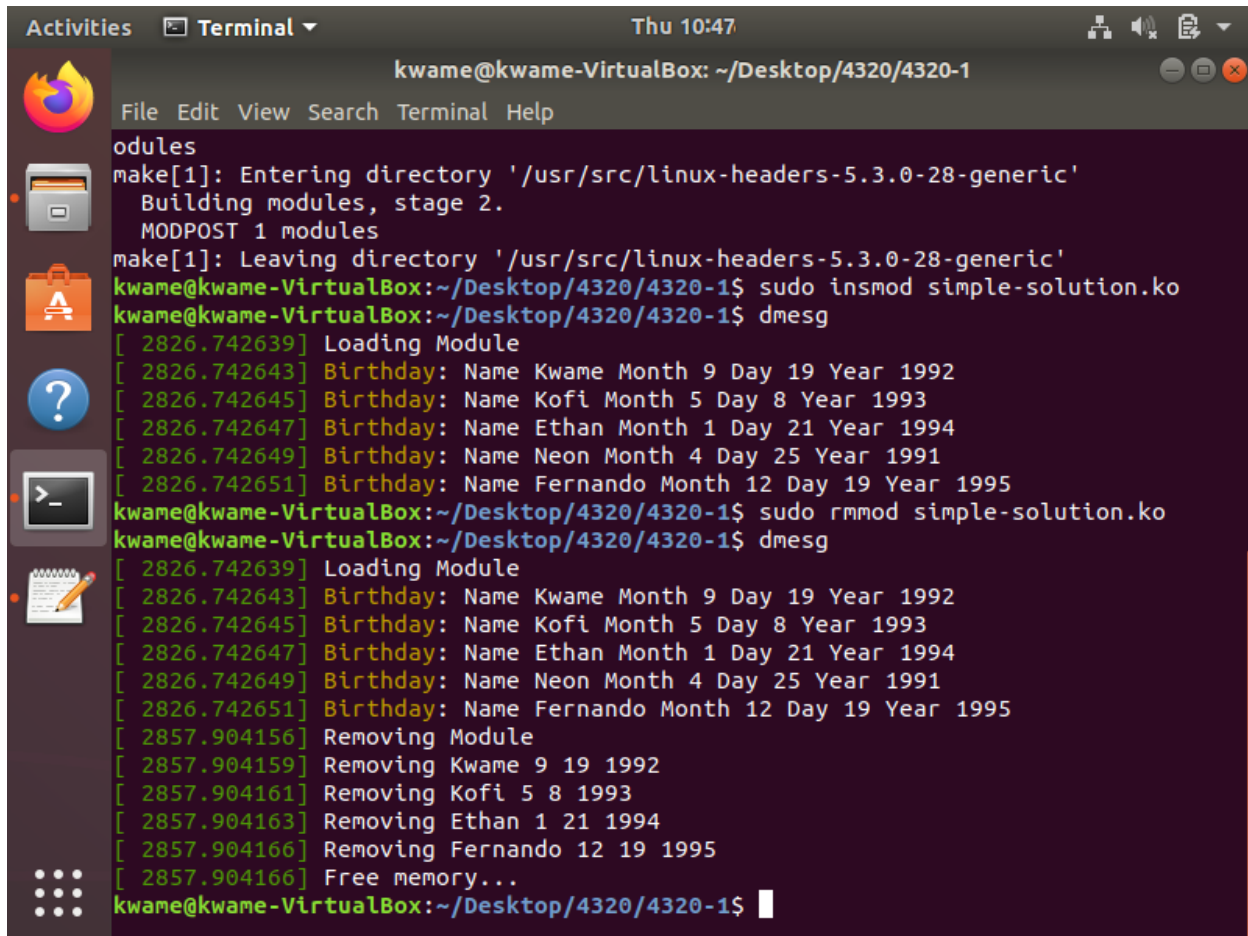
Part 1



The screenshot shows a terminal window titled "kwame@kwame-VirtualBox: ~/Desktop/4320". The window has a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". On the left side, there is a vertical dock with icons for Firefox, a file manager, a terminal, a question mark, and an Amazon logo. The terminal output displays a series of AppArmor audit messages. Each message starts with a timestamp in brackets, followed by the word "audit:", then details about the operation (type, audit ID, apparmor status, operation name, info, profile, and name), and ends with the command "apparmor_parser". The messages are as follows:

```
onfined" name="snap-update-ns.core" pid=3807 comm="apparmor_parser"
[ 1096.763468] audit: type=1400 audit(1579913977.818:108): apparmor="STATUS" op
eration="profile_replace" info="same as current profile, skipping" profile="unc
onfined" name="snap.core.hook.configure" pid=3808 comm="apparmor_parser"
[ 1111.227073] audit: type=1400 audit(1579913992.278:109): apparmor="STATUS" op
eration="profile_replace" info="same as current profile, skipping" profile="unc
onfined" name="snap-update-ns.gnome-calculator" pid=3814 comm="apparmor_parser"
[ 1116.863814] audit: type=1400 audit(1579913997.916:110): apparmor="STATUS" op
eration="profile_replace" profile="unconfined" name="snap.gnome-calculator.gnom
e-calculator" pid=3815 comm="apparmor_parser"
[ 1117.268679] audit: type=1400 audit(1579913998.321:111): apparmor="STATUS" op
eration="profile_replace" info="same as current profile, skipping" profile="unc
onfined" name="/snap/core/8268/usr/lib/snapd/snap-confine" pid=3817 comm="appar
mor_parser"
[ 1117.268686] audit: type=1400 audit(1579913998.321:112): apparmor="STATUS" op
eration="profile_replace" info="same as current profile, skipping" profile="unc
onfined" name="/snap/core/8268/usr/lib/snapd/snap-confine//mount-namespace-capt
ure-helper" pid=3817 comm="apparmor_parser"
[ 1117.340860] audit: type=1400 audit(1579913998.393:113): apparmor="STATUS" op
eration="profile_replace" info="same as current profile, skipping" profile="unc
onfined" name="snap-update-ns.core" pid=3819 comm="apparmor_parser"
[ 1117.364407] audit: type=1400 audit(1579913998.417:114): apparmor="STATUS" op
eration="profile_replace" info="same as current profile, skipping" profile="unc
onfined" name="snap.core.hook.configure" pid=3820 comm="apparmor_parser"
[ 1222.267412] Removing Module
[ 1388.084178] Loading Module
[ 1434.864481] Removing Module
kwame@kwame-VirtualBox:~/Desktop/4320$
```

Part 2



The screenshot shows a terminal window titled "kwame@kwame-VirtualBox: ~/Desktop/4320/4320-1". The window has a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". On the left side, there is a vertical sidebar with icons for "Activities", "Terminal", "Files", "Applications", "Help", "Terminal", and "Notes". The terminal output shows the following commands and their results:

```
modules
make[1]: Entering directory '/usr/src/linux-headers-5.3.0-28-generic'
Building modules, stage 2.
MODPOST 1 modules
make[1]: Leaving directory '/usr/src/linux-headers-5.3.0-28-generic'
kwame@kwame-VirtualBox:~/Desktop/4320/4320-1$ sudo insmod simple-solution.ko
kwame@kwame-VirtualBox:~/Desktop/4320/4320-1$ dmesg
[ 2826.742639] Loading Module
[ 2826.742643] Birthday: Name Kwame Month 9 Day 19 Year 1992
[ 2826.742645] Birthday: Name Kofi Month 5 Day 8 Year 1993
[ 2826.742647] Birthday: Name Ethan Month 1 Day 21 Year 1994
[ 2826.742649] Birthday: Name Neon Month 4 Day 25 Year 1991
[ 2826.742651] Birthday: Name Fernando Month 12 Day 19 Year 1995
kwame@kwame-VirtualBox:~/Desktop/4320/4320-1$ sudo rmmod simple-solution.ko
kwame@kwame-VirtualBox:~/Desktop/4320/4320-1$ dmesg
[ 2826.742639] Loading Module
[ 2826.742643] Birthday: Name Kwame Month 9 Day 19 Year 1992
[ 2826.742645] Birthday: Name Kofi Month 5 Day 8 Year 1993
[ 2826.742647] Birthday: Name Ethan Month 1 Day 21 Year 1994
[ 2826.742649] Birthday: Name Neon Month 4 Day 25 Year 1991
[ 2826.742651] Birthday: Name Fernando Month 12 Day 19 Year 1995
[ 2857.904156] Removing Module
[ 2857.904159] Removing Kwame 9 19 1992
[ 2857.904161] Removing Kofi 5 8 1993
[ 2857.904163] Removing Ethan 1 21 1994
[ 2857.904166] Removing Fernando 12 19 1995
[ 2857.904166] Free memory...
```