ASSIGNMENT 2

Using Logs to Help You Track Down an Issue In Linux

1. View log files

```
lavanya@lavanya-VirtualBox: ~
                                                             Q =
 avanya@lavanya-VirtualBox:~$ ls /var/log
                       boot.log.5
alternatives.log
                                                          svslog.1
alternatives.log.1
                                      faillog
                       boot.log.6
                       boot.log.7
                                      fontconfig.log
                       bootstrap.log
                       btmp
                                      gpu-manager.log
apport.log
                       btmp.1
apport.log.1
                                                          ubuntu-advantage.log
auth.log
                                      kern.log
                       dmesg
auth.log.1
                                      kern.log.1
                                                          vboxadd-install.log
                       dmesq.0
                                                          vboxadd-setup.log
                                                          vboxadd-setup.log.1
                                                          vboxadd-setup.log.2
                                      lastlog
                                                          vboxadd-setup.log.3
boot.log
                                                          vboxadd-setup.log.4
boot.log.1
                       dpkg.log
boot.log.2
                       dpkg.log.1
                                                          wtmp
boot.log.3
boot.log.4
                                      syslog
.avanya@lavanya-VirtualBox:~$
```

2. Track down all the issues

3. Log results that have the word error

4. Tail -f the syslog file and keep it in an open window

```
Lavanya@lavanya-VirtualBox:-$ tail -f /var/log/syslog
May 25 18:00:02 lavanya-VirtualBox dbus-daemon[2745]: [session uid=1000 pid=2745] Successfully activated service 'org.gnome.Char acters.BackgroundService'
May 25 18:00:03 lavanya-VirtualBox dbus-daemon[2745]: [session uid=1000 pid=2745] Successfully activated service 'org.gnome.Naut ilus'
May 25 18:00:03 lavanya-VirtualBox dbus-daemon[2745]: [session uid=1000 pid=2745] Successfully activated service 'org.gnome.Calc ulator.SearchProvider'
May 25 18:00:03 lavanya-VirtualBox gnome-calculato[5262]: search-provider.vala:140: Failed to spawn Calculator: Child process ki led by signal 9
May 25 18:00:03 lavanya-VirtualBox dbus-daemon[2745]: [session uid=1000 pid=2745] Successfully activated service 'org.gnome.Term inal'
May 25 18:00:03 lavanya-VirtualBox systemd[2724]: Started GNOME Terminal Server.
May 25 18:00:03 lavanya-VirtualBox systemd[2724]: Started Application launched by gnome-shell.
May 25 18:00:04 lavanya-VirtualBox systemd[2724]: Started Application launched by gnome-shell.
May 25 18:00:04 lavanya-VirtualBox systemd[2724]: Started OTE child process 516 launched by gnome-shell.
May 25 18:00:04 lavanya-VirtualBox systemd[2724]: Started OTE child process 516 launched by gnome-shell.
May 25 18:00:04 lavanya-VirtualBox systemd[2724]: Started OTE child process 516 launched by gnome-shell.
May 25 18:00:04 lavanya-VirtualBox systemd[2724]: gnome-launched-org.gnome.Terminal.desktop-5301.scope: Succeeded.
May 25 18:00:08 lavanya-VirtualBox systemd[2724]: started VTE child process 516 launched by gnome-shell.
May 25 18:00:03 lavanya-VirtualBox systemd[2724]: started VTE child process 516 launched by gnome-shell.
May 25 18:00:03 lavanya-VirtualBox systemd[2724]: started VTE child process 516 lavanya-VirtualBox anacron[599]: Normal exit (3 jobs run)
May 25 18:00:50 lavanya-Virt
```