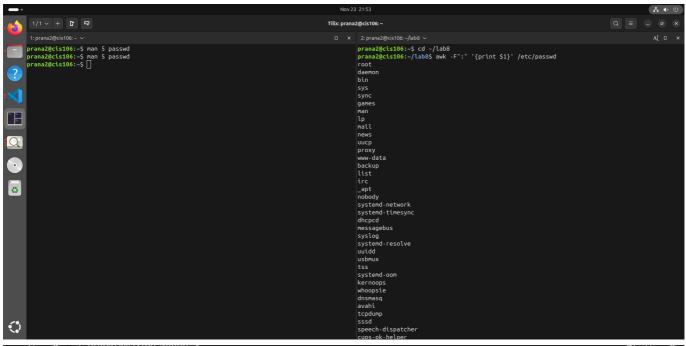
lab 8

Q1

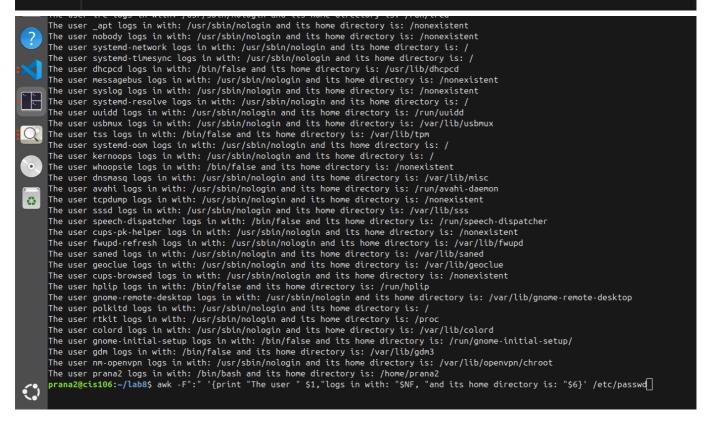
Q2

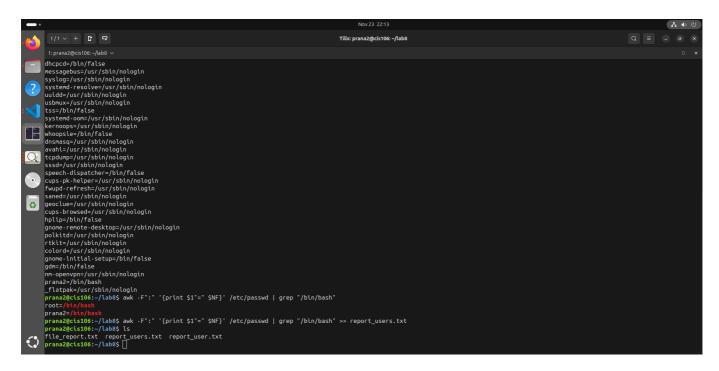
Q3



prana2@cis106:~/lab8\$ awk -F":" '{print \$1,\$NF}' /etc/passwd root /bin/bash daemon /usr/sbin/nologin bin /usr/sbin/nologin sys /usr/sbin/nologin sync /bin/sync games /usr/sbin/nologin man /usr/sbin/nologin lp /usr/sbin/nologin mail /usr/sbin/nologin news /usr/sbin/nologin uucp /usr/sbin/nologin proxy /usr/sbin/nologin www-data /usr/sbin/nologin backup /usr/sbin/nologin list /usr/sbin/nologin irc /usr/sbin/nologin _apt /usr/sbin/nologin nobody /usr/sbin/nologin systemd-network /usr/sbin/nologin systemd-timesync /usr/sbin/nologin dhcpcd /bin/false messagebus /usr/sbin/nologin syslog /usr/sbin/nologin systemd-resolve /usr/sbin/nologin uuidd /usr/sbin/nologin usbmux /usr/sbin/nologin tss /bin/false systemd-oom /usr/sbin/nologin kernoops /usr/sbin/nologin whoopsie /bin/false dnsmasq /usr/sbin/nologin avahi /usr/sbin/nologin tcpdump /usr/sbin/nologin sssd /usr/sbin/nologin

_apt /usr/sbin/nologin /nonexistent nobody /usr/sbin/nologin /nonexistent systemd-network /usr/sbin/nologin / systemd-timesync /usr/sbin/nologin / dhcpcd /bin/false /usr/lib/dhcpcd messagebus /usr/sbin/nologin /nonexistent syslog /usr/sbin/nologin /nonexistent systemd-resolve /usr/sbin/nologin / uuidd /usr/sbin/nologin /run/uuidd usbmux /usr/sbin/nologin /var/lib/usbmux tss /bin/false /var/lib/tpm systemd-oom /usr/sbin/nologin / kernoops /usr/sbin/nologin / whoopsie /bin/false /nonexistent dnsmasq /usr/sbin/nologin /var/lib/misc avahi /usr/sbin/nologin /run/avahi-daemon tcpdump /usr/sbin/nologin /nonexistent sssd /usr/sbin/nologin /var/lib/sss speech-dispatcher /bin/false /run/speech-dispatcher cups-pk-helper /usr/sbin/nologin /nonexistent fwupd-refresh /usr/sbin/nologin /var/lib/fwupd saned /usr/sbin/nologin /var/lib/saned geoclue /usr/sbin/nologin /var/lib/geoclue cups-browsed /usr/sbin/nologin /nonexistent hplip /bin/false /run/hplip gnome-remote-desktop /usr/sbin/nologin /var/lib/gnome-remote-desktop polkitd /usr/sbin/nologin / rtkit /usr/sbin/nologin /proc colord /usr/sbin/nologin /var/lib/colord gnome-initial-setup /bin/false /run/gnome-initial-setup/ gdm /bin/false /var/lib/gdm3 nm-openvpn /usr/sbin/nologin /var/lib/openvpn/chroot prana2 /bin/bash /home/prana2 prana2@cis106:~/lab8\$ awk -F":" '{print \$1,\$NF,\$6}' /etc/passwd





Q4

