

lab 4

q1

```
1: islam@islamlinux: ~/Documents ▾  
islam@islamlinux:~$ pwd  
/home/islam  
islam@islamlinux:~$ cd /usr/share/themes  
islam@islamlinux:/usr/share/themes$ pwd  
/usr/share/themes  
islam@islamlinux:/usr/share/themes$ cd /  
islam@islamlinux:/$ cd /snap/firefox  
islam@islamlinux:/snap/firefox$ cd  
islam@islamlinux:~$ cd Downloads/  
islam@islamlinux:~/Downloads$ cd ../../..  
islam@islamlinux:/home$ pwd/home  
bash: pwd/home: No such file or directory  
islam@islamlinux:/home$ pwd  
/home  
islam@islamlinux:/home$ pwd  
/home  
islam@islamlinux:/home$ cd islam/Documents/  
islam@islamlinux:~/Documents$
```

q2

```
1: islam@islamlinux: ~/lab4files
islam@islamlinux:~$ cd /usr/share
islam@islamlinux:/usr/share$ ls ~/lab4files
countries.json  globe.avi      sample.xls  website.html
csvfile.csv    helloWorld.c  Tux.png
document.docx  Linux.pdf     Ubuntu.pdf
islam@islamlinux:/usr/share$ cd ~/lab4files/
islam@islamlinux:~/lab4files$ ls-l
ls-l: command not found
islam@islamlinux:~/lab4files$ ls -l
total 6580
-rw-rw-r-- 1 islam islam 20471 Feb 22 2022 countries.json
-rw-rw-r-- 1 islam islam 284042 Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 islam islam 764176 Feb 22 2022 document.docx
-rw-rw-r-- 1 islam islam 742478 Feb 22 2022 globe.avi
-rw-rw-r-- 1 islam islam 76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 islam islam 2600138 Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 islam islam 8704 Feb 22 2022 sample.xls
-rw-rw-r-- 1 islam islam 42777 Feb 22 2022 Tux.png
-rw-rw-r-- 1 islam islam 2114053 Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 islam islam 137453 Feb 22 2022 website.html
islam@islamlinux:~/lab4files$ ls -lhSgG
total 6.5M
-rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 135K Feb 22 2022 website.html
-rw-rw-r-- 1 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
islam@islamlinux:~/lab4files$ ls -lhSgG -i
total 6.5M
11144965 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
11144969 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
11144972 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
11144973 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
11144971 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
11144976 -rw-rw-r-- 1 135K Feb 22 2022 website.html
11144968 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
11144970 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
11144975 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
11144974 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
islam@islamlinux:~/lab4files$ ls Xr
ls: cannot access 'Xr': No such file or directory
islam@islamlinux:~/lab4files$ ls -Xr
sample.xls  Linux.pdf  document.docx  globe.avi
Tux.png    countries.json  csvfile.csv
Ubuntu.pdf  website.html  helloWorld.c
islam@islamlinux:~/lab4files$
```

q4

```

1: islam@islamlinux: /dev/disk/by-id  ▾

islam@islamlinux:~$ pwd
/home/islam
islam@islamlinux: /usr/share/icons/default$ cd /proc/sys/net/ipv4
islam@islamlinux: /proc/sys/net/ipv4$ cd /usr/share/icons/default/
islam@islamlinux: /usr/share/icons/default$ ls /usr/share/backgrounds/
Blue_flower_by_Elena_Stravoravdi.jpg
canvas_by_roytanck.jpg
Cherry_Tree_in_Lakones_by_elenastravoravdi.jpg
contest
DSC2943_by_kcpru.jpg
Jammy-Jellyfish_WP_4096x2304_Grey.png
jj_dark_by_Hiking93.jpg
jj_light_by_Hiking93.jpg
Mirror_by_Uday_Nakade.jpg
Optical_Fibers_in_Dark_by_Elena_Stravoravdi.jpg
ubuntu2_by_arman1992.jpg
ubuntu_by_arman1992.jpg
ubuntu-default-greyscale-wallpaper.png
warty-final-ubuntu.png

islam@islamlinux: /usr/share/icons/default$ ls -R ~/cis106
/home/islam/cis106:
final labs 'weekly report'

/home/islam/cis106/final:
2023-10-25_16-55.png DatabaseSecurity.png installMysql.png restartApache.png
checkIfItWorks.png extracting.png installPhp.png sqlDataBase.png
'check ip.png' installingWordpress.png renaming.png userPassDataBase.png

/home/islam/cis106/labs:
lab1 lab2 lab3 lab4

/home/islam/cis106/labs/lab1:
johndoeinfo.txt johndoesmue.md settings.json vscode what_is_ubuntu_submission.md
johndoe.jpeg johndoesmue.pdf ubuntu-desktop.png what-is-ubuntu.pdf what_is_ubuntu_submission.pdf
johndoesmue.html resume.png ubuntu-logo.png what_is_ubuntu_submission.html whatisubuntu.txt

/home/islam/cis106/labs/lab2:
2023-09-22_02-32.png 2023-09-22_02-36.png lab2.md lab2.pdf

/home/islam/cis106/labs/lab3:
datecommand.png lab3.md lab3.pdf 'ubuntu system.png' 'Untitled 1.odp' 'Untitled 1.pdf'

/home/islam/cis106/labs/lab4:
q1.png q2.1.png q2.png

'/home/islam/cis106/weekly report':
'week 2'

'/home/islam/cis106/weekly report/week 2':
2023-09-22_17-08.png

```

```
1: islam@islamlinux: /dev/disk/by-id  ∨  
islam@islamlinux: /usr/share/icons/default$ cd  
islam@islamlinux: ~$ ls Downloads -R  
Downloads:  
  code_1.82.2-1694671812_amd64.deb  
  FiraCode  
  FiraMono  
  Inconsolata  
  InconsolataGo  
  Iosevka  
  JetBrainsMono  
  lab4files.zip  
  Lekton  
  'Linux Workshop Ubuntu Software installation cheat sheet.png'  
  Monofur  
  Mononoki  
  NerdFontsSymbolsOnly.zip  
  practicels.tar.xz  
  SpaceMono  
  
Downloads/FiraCode:  
  
Downloads/FiraMono:  
  
Downloads/Inconsolata:  
  
Downloads/InconsolataGo:  
  
Downloads/Iosevka:  
  
Downloads/JetBrainsMono:  
  
Downloads/Lekton:  
  
Downloads/Monofur:  
  
Downloads/Mononoki:
```

```

islam@islamlinux:~$ cd /dev/disk/by-id
islam@islamlinux:/dev/disk/by-id$ ls /home -la
total 12
drwxr-xr-x  3 root  root  4096 Sep 20 08:10 .
drwxr-xr-x 20 root  root  4096 Oct 26 20:11 ..
drwxr-x--- 32 islam islam 4096 Nov 30 19:19 islam
islam@islamlinux:/dev/disk/by-id$ ls /home -a
.  ..  islam
islam@islamlinux:/dev/disk/by-id$ ls /usr/share/themes -c
s
s /usr/share/themes -c
Adwaita
Adwaita-dark
Default
Emacs
HighContrast
Raleigh
Yaru
Yaru-bark
Yaru-bark-dark
Yaru-blue
Yaru-blue-dark
Yaru-dark
Yaru-dark-hdpi
Yaru-dark-xhdpi
Yaru-hdpi
Yaru-magenta
Yaru-magenta-dark
Yaru-olive
Yaru-olive-dark
Yaru-prussiangreen
Yaru-prussiangreen-dark
Yaru-purple
Yaru-purple-dark
Yaru-red
Yaru-red-dark
Yaru-sage

islam@islamlinux:/dev/disk/by-id$ ls /usr/share/ -X
accountsservice  file-roller  ImageMagick-6  nautilus-python  texlive
aclocal          fish         im-config      nautilus-share   texmf
acpi-support     flameshot    indicators      nemo              themes
adduser          flatpak      info            netpbm            thumbnaillers
aisleriot         fontconfig   initramfs-tools netplan            tilix
alsa             fonts        installed-tests numpy3             totem
alsa-base        fonts-droid-fallback  ipp-usb          openvpn            tracker3
alsa-card-profile  fonts-sil-abyssinica iptables          orca               tracker3-miners
apache2          fonts-sil-padauk     iso-codes        os-prober          transmission
appdata          foo2qpd1      java            p11-kit            ubuntu
app-info         foo2zjs       javascript      package-data-downloads  ubuntu-drivers-common
applications      fwupd        kde4            PackageKit         ubuntu-release-upgrader
appport          gamemode     keyrings        pam                ubuntu-wayland
apps             games        kf5             pam-configs        ucf
apturl           gcc          knotifications5 perl                ufw
aspell           GConf        kservices5      perl5              unattended-upgrades
avahi           gdb          kservicetypes5 perl-openssl-defaults  unity
backgrounds     gdm          language-selector pipewire           update-manager
base-files      geany        language-support pixmaps            update-notifier
base-passwd     gedit        language-tools  pkgconfig          upstart
bash-completion GeoIP         libcac          plymouth            usb-creator
binfmts         gettext      libc-bin        pnm2ppa            usb_modeswitch
branding         ghostscript  libdebuginfod-common  pocketsphinx       vala
brlty           git-core     libdrm          polkit-1            vim
bug            gitweb       libbexttextcat  poppler             vlc
build-essential glade        libgnomekbd     ppd                 vulkan
ca-certificates glvnd        libgweather     ppp                 w3m
caffeine-indicator  gnome        libinput         publicsuffix        wayland-sessions
catdoc          gnome-background-properties  liblangtag        pulseaudio          X11
cmake           gnome-bluetooth  liblouis        pyshared            xapps-common
code           gnome-control-center  liblouisutdm1     python3             xdg-desktop-portal
cogl          gnome-initial-setup  libmysofa         python3-apt          xml
color         gnome-logs          libreoffice        qlogging-categories5  xml-core
colord        gnome-mahjongg      librevenge        qt5                  xsessions
common-licenses  gnome-remote-desktop  libthai           readline             velo

```

q5

```
islam@islamlinux:~$ cd ../
islam@islamlinux:/home$ cd ../
islam@islamlinux:/$ cd home
islam@islamlinux:/home$ cd islam
islam@islamlinux:~$ cd Downloads
islam@islamlinux:~/Downloads$ pwd
/home/islam/Downloads
islam@islamlinux:~/Downloads$ cd /usr/share/themes/Adwaita
islam@islamlinux:/usr/share/themes/Adwaita$ cd ~/Documents/
islam@islamlinux:~/Documents$ pwd
/home/islam/Documents
islam@islamlinux:~/Documents$ 
```

