

Lab 6

Q1

```
1 / 1 + [ ] [ ] Tilix: ad@cis106: ~/lab6/q1
1: ad@cis106: ~/lab6/q1
ad@cis106:~$ curl https://cis106.com/assets/lab6/lab6.sh | bash
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100  471  100  471    0     0   5633      0 --:--:-- --:--:-- --:--:--   5674
ad@cis106:~$ cd lab6/
ad@cis106:~/lab6$ ls
q1 q2 q3
ad@cis106:~/lab6$ cd q1
ad@cis106:~/lab6/q1$ ls
access.log  app.cfg    ftp.log    game.cfg   ssh.log    zebra.cnf
apache.log  error.log  fuse.conf  simple.cnf sudo.conf
ad@cis106:~/lab6/q1$ ls *.log
access.log  apache.log  error.log  ftp.log  ssh.log
ad@cis106:~/lab6/q1$ mkdir ../log-files
ad@cis106:~/lab6/q1$ mv *.log ../log-files/
ad@cis106:~/lab6/q1$ ls -l lab6/q1/*.c*
ls: cannot access 'lab6/q1/*.c*': No such file or directory
ad@cis106:~/lab6/q1$ ls -l lab6/q1/*.c*
ls: cannot access 'lab6/q1/*.c*': No such file or directory
ad@cis106:~/lab6/q1$ ls -lgHs lab6/q1/*.c*
ls: cannot access 'lab6/q1/*.c*': No such file or directory
ad@cis106:~/lab6/q1$
```

Q2

```

1/1  +  [Icons]  Tilix: ad@cis106: ~
1: ad@cis106: ~
ad@cis106:~$ mkdir lab6/hidden-files/
ad@cis106:~$ ls lab6/q2/ .??*
.bash_history  .gitconfig    .profile      .wget-hsts
.bash_logout  .irb_history  .sudo_as_admin_successful
.bashrc        .lessht      .viminfo

.cache:
event-sound-cache.tdb.4a7f441893fb4815b6b51bcdcae8d488.aarch64-unknown-linux-gnu
evolution
flatpak
fontconfig
gnome-desktop-thumbnailer
gnome-screenshot
gnome-software
gstreamer-1.0
ibus
ibus-table
mesa_shader_cache
mesa_shader_cache_db
Microsoft
motd.legal-displayed
rhythmbox
samba
thumbnails
totem
tracker3
ubuntu-report
update-manager-core
yelp

.config:
Code                goa-1.0          totem
dconf               gtk-3.0          ubuntu-xdg-terminals.list
enchanted           gtk-4.0          update-notifier
eog                 ibus             user-dirs.dirs
evolution           libreoffice      user-dirs.locale

1/1  +  [Icons]  Tilix: ad@cis106: ~
1: ad@cis106: ~

geany               nautilus          xdg-terminals.list
gnome-initial-setup-done nemo              yelp
gnome-session       pulse
GNOME-xdg-terminals.list tiling-assistant

.dotnet:
corefx

.gnupg:
pubring.kbx  trustdb.gpg

lab6/q2/:
code.go  last_0.txt  list_1.txt  lost_2.txt  rust_1.txt
code.js  last_1.txt  list_2.txt  lost_3.txt  Trip_doc.docx
code.py  last_2.txt  list_3.txt  rest_0.txt  Trip_doc.pptx
code.rb  last_3.txt  lost_0.txt  rest_1.txt  Trip_doc.vsd
code.sh  list_0.txt  lost_1.txt  rust_0.txt  Trip_doc.xlsx

.local:
share state

.pki:
nssdb

.ssh:
authorized_keys  id_ed25519.pub  known_hosts.old
id_ed25519      known_hosts

.vscode:
argv.json  cli  extensions
ad@cis106:~$ cp lab6/q2/ .??* lab6/hidden-files/
cp: -r not specified; omitting directory 'lab6/q2/'
cp: -r not specified; omitting directory '.cache'
cp: -r not specified; omitting directory '.config'
cp: -r not specified; omitting directory '.dotnet'

```

```
1/1  +  [icon] [icon] Tilix: ad@cis106: ~
1: ad@cis106: ~
code.rb  last_3.txt  lost_0.txt  rest_1.txt  Trip_doc.vsd
code.sh  list_0.txt  lost_1.txt  rust_0.txt  Trip_doc.xlsx

.local:
share state

.pki:
nssdb

.ssh:
authorized_keys  id_ed25519.pub  known_hosts.old
id_ed25519       known_hosts

.vscode:
argv.json cli extensions
ad@cis106:~$ cp lab6/q2/ .*? lab6/hidden-files/
cp: -r not specified; omitting directory 'lab6/q2/'
cp: -r not specified; omitting directory '.cache'
cp: -r not specified; omitting directory '.config'
cp: -r not specified; omitting directory '.dotnet'
cp: -r not specified; omitting directory '.gnupg'
cp: -r not specified; omitting directory '.local'
cp: -r not specified; omitting directory '.pki'
cp: -r not specified; omitting directory '.ssh'
cp: -r not specified; omitting directory '.vscode'
ad@cis106:~$ ls lab6/q2/*.*
lab6/q2/code.go  lab6/q2/code.py  lab6/q2/code.sh
lab6/q2/code.js  lab6/q2/code.rb
ad@cis106:~$ rm lab6/q2/*.*
ad@cis106:~$ ls lab6/q2/[1r][aeiou]*[0-9].*
lab6/q2/rest_0.txt  lab6/q2/rust_0.txt
lab6/q2/rest_1.txt  lab6/q2/rust_1.txt
ad@cis106:~$ mkdir lab6/random
ad@cis106:~$ mv lab6/q2/[1r][aeiou]*[0-9].* lab6/random/
ad@cis106:~$ █
```

```
1/1  +  [icons]  Tilix: ad@cis106: ~

1: ad@cis106: ~
cp: -r not specified; omitting directory '.cache'
cp: -r not specified; omitting directory '.config'
cp: -r not specified; omitting directory '.dotnet'
cp: -r not specified; omitting directory '.gnupg'
cp: -r not specified; omitting directory '.local'
cp: -r not specified; omitting directory '.pki'
cp: -r not specified; omitting directory '.ssh'
cp: -r not specified; omitting directory '.vscode'
ad@cis106:~$ ls lab6/q2/*.??
lab6/q2/code.go  lab6/q2/code.py  lab6/q2/code.sh
lab6/q2/code.js  lab6/q2/code.rb
ad@cis106:~$ rm lab6/q2/*.??
ad@cis106:~$ ls lab6/q2/[1r][aeiou]*[0-9].*
lab6/q2/rest_0.txt  lab6/q2/rust_0.txt
lab6/q2/rest_1.txt  lab6/q2/rust_1.txt
ad@cis106:~$ mkdir lab6/random
ad@cis106:~$ mv lab6/q2/[1r][aeiou]*[0-9].* lab6/random/
ad@cis106:~$ tree -a lab6/hidden-files/
lab6/hidden-files/
├── .bash_history
├── .bash_logout
├── .bashrc
├── .gitconfig
├── .irb_history
├── .lessht
├── .profile
├── .sudo_as_admin_successful
├── .viminfo
└── .wget-hsts

1 directory, 10 files
ad@cis106:~$ ls lab6/q2
last_0.txt  last_2.txt  list_0.txt  list_2.txt  lost_0.txt  lost_2.txt  Trip_doc.docx  Trip_doc.vsd
last_1.txt  last_3.txt  list_1.txt  list_3.txt  lost_1.txt  lost_3.txt  Trip_doc.pptx  Trip_doc.xls
ad@cis106:~$
```

Q3

```
1/1  +  [ ] [ ] Tilix: ad@cis106: ~/lab6 [Q] [≡]
1: ad@cis106: ~/lab6  v
ad@cis106:~/lab6$ mkdir -p wallpapers/{cars,1080p,2k,4k}/new
ad@cis106:~/lab6$ tree wallpapers
wallpapers
├── 1080p
│   └── new
├── 2k
│   └── new
├── 4k
│   └── new
└── cars
    └── new

9 directories, 0 files
ad@cis106:~/lab6$
```

```
1/1  +  [ ] [ ] Tilix: ad@cis106: ~/lab6 [Q] [≡] [−] [□] [×]
1: ad@cis106: ~/lab6  v
ad@cis106:~/lab6$ mkdir -p assets/{imgs,large,small}/{video,large,small}/
ad@cis106:~/lab6$ tree assets
assets
├── imgs
│   ├── large
│   ├── small
│   └── video
├── large
│   ├── large
│   ├── small
│   └── video
└── small
    ├── large
    ├── small
    └── video

13 directories, 0 files
ad@cis106:~/lab6$
```

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1/1  +  [ ]  [ ]  Tilix: ad@cis
1: ad@cis106: ~/lab6  v

ad@cis106:~/lab6$ tree Docs
Docs
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── 2024
│       │   └── book.pdf
│       └── 2025
│           └── book.pdf

```

12 directories, 0 files

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ad@cis106:~/lab6$
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1/1  +  [ ]  [ ]  Tilix: ad@cis106: ~/lab6  [ ]  [ ]  [ ]  [ ]
1: ad@cis106: ~/lab6  v

ad@cis106:~/lab6$ touch ~/lab6/q3{program.py,people.csv,data.xls}
ad@cis106:~/lab6$ rm -r {_file0.old,_file1.old,_file1.old,_file2.old}
rm: cannot remove '_file0.old': No such file or directory
rm: cannot remove '_file1.old': No such file or directory
rm: cannot remove '_file1.old': No such file or directory
rm: cannot remove '_file2.old': No such file or directory
ad@cis106:~/lab6$
```