

Lab 6 completed

Problem 1

```
Tilix: espaghetty@Emperor: ~/lab6
1: espaghetty@Emperor: ~/lab6
espaghetty@Emperor:~/lab6$ ls *log
38_Application-log.log  dviluatex.log  luahtex.log  ubuntu-advantage.log
alternatives.log       etex.log       luatex.log   updmap.log
apache01-error.log     fontconfig.log mftex.log    vboxadd-setup.log
apache22.log           gpu-manager.log pdfetex.log   vboxpostinstall.log
bootstrap.log          history.log     pdftex.log
dpkg.log              http404.log    tex.log
espaghetty@Emperor:~/lab6$ _

espaghetty@Emperor:~/lab6$ mkdir log-files
espaghetty@Emperor:~/lab6$ mv *log log-files/
espaghetty@Emperor:~/lab6$ ls log-files/
38_Application-log.log  dviluatex.log  luahtex.log  ubuntu-advantage.log
alternatives.log       etex.log       luatex.log   updmap.log
apache01-error.log     fontconfig.log mftex.log    vboxadd-setup.log
apache22.log           gpu-manager.log pdfetex.log   vboxpostinstall.log
bootstrap.log          history.log     pdftex.log
dpkg.log              http404.log    tex.log
espaghetty@Emperor:~/lab6$ _
```

```

1/1  +  [ ] [ ] Tilix: espaghetty@Emperor: ~/lab6  [ ] [ ] [ ] [ ]
1: espaghetty@Emperor: ~/lab6  [ ] [ ]
/etc/ucf.conf
/etc/usb_modeswitch.conf
/etc/xattr.conf

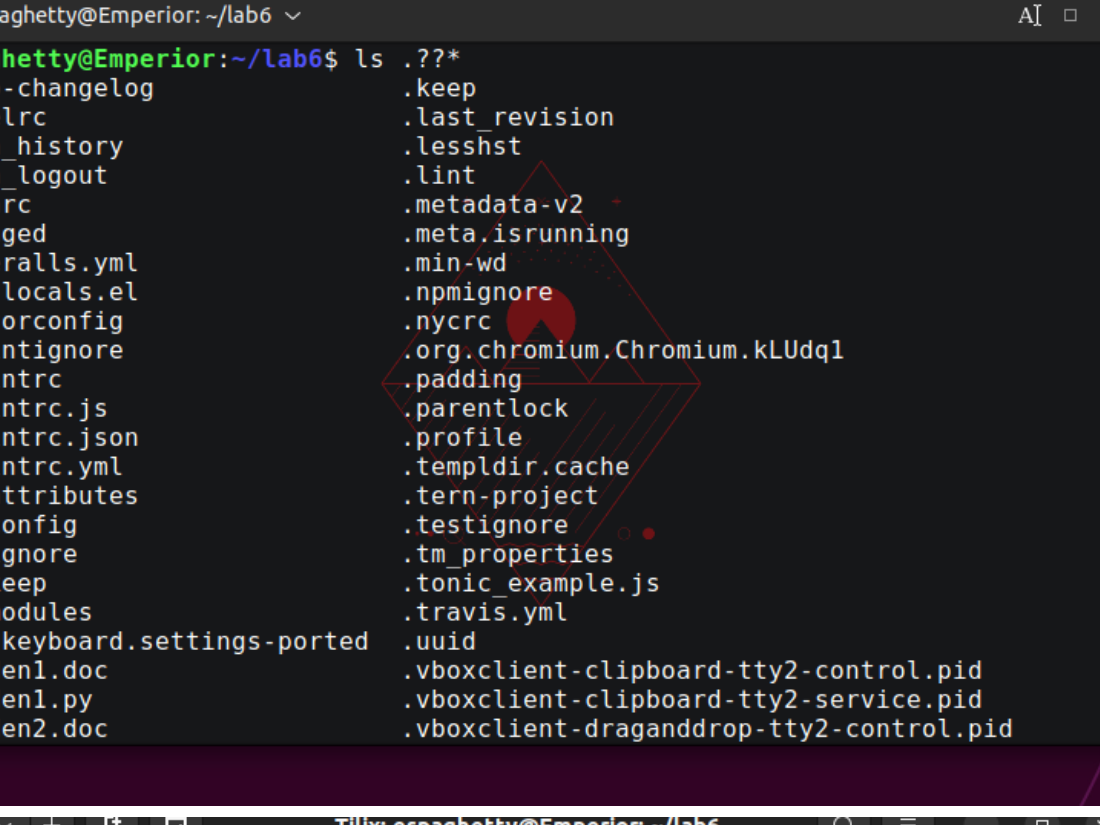
/etc/dconf:
db
profile
espaghetty@Emperor:~/lab6$ ls /etc/*conf
/etc/adduser.conf          /etc/host.conf            /etc/pnm2ppa.conf
/etc/apg.conf              /etc/inxi.conf            /etc/resolv.conf
/etc/appstream.conf        /etc/kernel-img.conf      /etc/rsyslog.conf
/etc/brltty.conf           /etc/kernelloops.conf     /etc/rygel.conf
/etc/ca-certificates.conf  /etc/ld.so.conf           /etc/sensors3.conf
/etc/debconf.conf          /etc/libao.conf           /etc/sudo.conf
/etc/deluser.conf          /etc/libaudit.conf        /etc/sudo_logsrvd.conf
/etc/e2scrub.conf           /etc/logrotate.conf       /etc/sysctl.conf
/etc/fprintd.conf          /etc/mke2fs.conf          /etc/ucf.conf
/etc/fuse.conf              /etc/nftables.conf        /etc/usb_modeswitch.conf
/etc/gai.conf               /etc/nsswitch.conf        /etc/xattr.conf
/etc/hdparm.conf            /etc/pam.conf

/etc/dconf:
db profile
espaghetty@Emperor:~/lab6$ _

espaghetty@Emperor:~$ cd lab6-q5/
espaghetty@Emperor:~/lab6-q5$ ls -GSlh --time-style=+%D /etc/h*.conf
-rw-r--r-- 1 4.4K 12/15/20 /etc/hdparm.conf
-rw-r--r-- 1 92 10/15/21 /etc/host.conf
espaghetty@Emperor:~/lab6-q5$ _

```

Problem 2



The image displays two screenshots of a terminal window. The top screenshot shows the command `ls .??*` being executed, which lists all files in the current directory that start with a dot followed by two characters. The output is a two-column list of files, including configuration files like `.bashrc`, `.gitignore`, and `.npmignore`, as well as system files like `.keep` and `.last_revision`. The bottom screenshot shows the command `ls *.??` being executed, which lists all files in the current directory that end with two characters. The output is a single line listing files like `file_00.sh`, `file_01.sh`, `file_02.sh`, `file_03.sh`, `file_04.sh`, and `file_05.sh`.

```
1/1 + [?] [?] Tillix: espaghetty@Emperor: ~/lab6
1: espaghetty@Emperor: ~/lab6
espaghetty@Emperor:~/lab6$ ls .??*
.auto-changelog      .keep
.babelrc             .last_revision
.bash_history        .lessht
.bash_logout         .lint
.bashrc              .metadata-v2
.changed             .meta.isrunning
.coveralls.yml       .min-wd
.dir-locals.el       .npmignore
.editorconfig        .nycrc
.eslintignore        .org.chromium.Chromium.kLUdq1
.eslintrc            .padding
.eslintrc.js         .parentlock
.eslintrc.json       .profile
.eslintrc.yml        .templdir.cache
.gitattributes       .tern-project
.gitconfig           .testignore
.gitignore           .tm_properties
.gitkeep             .tonic_example.js
.gitmodules          .travis.yml
.gsd-keyboard.settings-ported .uuid
.hidden1.doc         .vboxclient-clipboard-tty2-control.pid
.hidden1.py          .vboxclient-clipboard-tty2-service.pid
.hidden2.doc         .vboxclient-draganddrop-tty2-control.pid

1/1 + [?] [?] Tillix: espaghetty@Emperor: ~/lab6
1: espaghetty@Emperor: ~/lab6
espaghetty@Emperor:~/lab6$ ls *.??
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
espaghetty@Emperor:~/lab6$
espaghetty@Emperor:~/lab6$ _
```

```
espaghetty@Emperor:~/lab6$ ls l?*st*  
last.txt  list.txt  lost.txt  
espaghetty@Emperor:~/lab6$ _
```

1/1 + [T] [R] Tilix: espaghetty@Emperor: ~/lab6

1: espaghetty@Emperor: ~/lab6

```
espaghetty@Emperor:~/lab6$ ls -1 *_??.*  
file_00.sh  
file_01.sh  
file_02.sh  
file_03.sh  
file_04.sh  
file_05.sh  
espaghetty@Emperor:~/lab6$ _
```

Problem 3

1/1 + [T] [R] Tilix: espaghetty@Emperor: ~/lab6

1: espaghetty@Emperor: ~/lab6

```
espaghetty@Emperor:~/lab6$ ls [A-Z]*  
Document.doc  Expenses.xls  
espaghetty@Emperor:~/lab6$ ls [A-Z,0-9]*  
25Games.lst  Document.doc  Expenses.xls  
espaghetty@Emperor:~/lab6$ ls *[0-9]*  
25Games.lst  file_00.sh  file_02.sh  file_04.sh  trip22-info.doc  
apache03.err  file_01.sh  file_03.sh  file_05.sh  
espaghetty@Emperor:~/lab6$ ls [a-z]*[0-9].*  
apache03.err  file_01.sh  file_03.sh  file_05.sh  
file_00.sh    file_02.sh  file_04.sh  
espaghetty@Emperor:~/lab6$ _
```

Problem 4

```
Tilix: espaghetty@Emperor: ~/lab6
1: espaghetty@Emperor: ~/lab6
espaghetty@Emperor:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
espaghetty@Emperor:~/lab6$ tree wallpapers/
wallpapers/
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
4 directories, 0 files
espaghetty@Emperor:~/lab6$ _
```

```
Tilix: espaghetty@Emperor: ~/lab6
1: espaghetty@Emperor: ~/lab6
espaghetty@Emperor:~/lab6$ mkdir -p assets/{img,video}/{large,small}
espaghetty@Emperor:~/lab6$ tree assets/
assets/
├── img
│   ├── large
│   └── small
└── video
    ├── large
    └── small
6 directories, 0 files
espaghetty@Emperor:~/lab6$ _
```

```
Tilix: espaghetty@Emperor: ~/lab6
1: espaghetty@Emperor: ~/lab6
espaghetty@Emperor:~/lab6$ mkdir -p assets/{img,video}/{large,small}
espaghetty@Emperor:~/lab6$ tree assets/
assets/
├── img
│   ├── large
│   └── small
└── video
    ├── large
    └── small

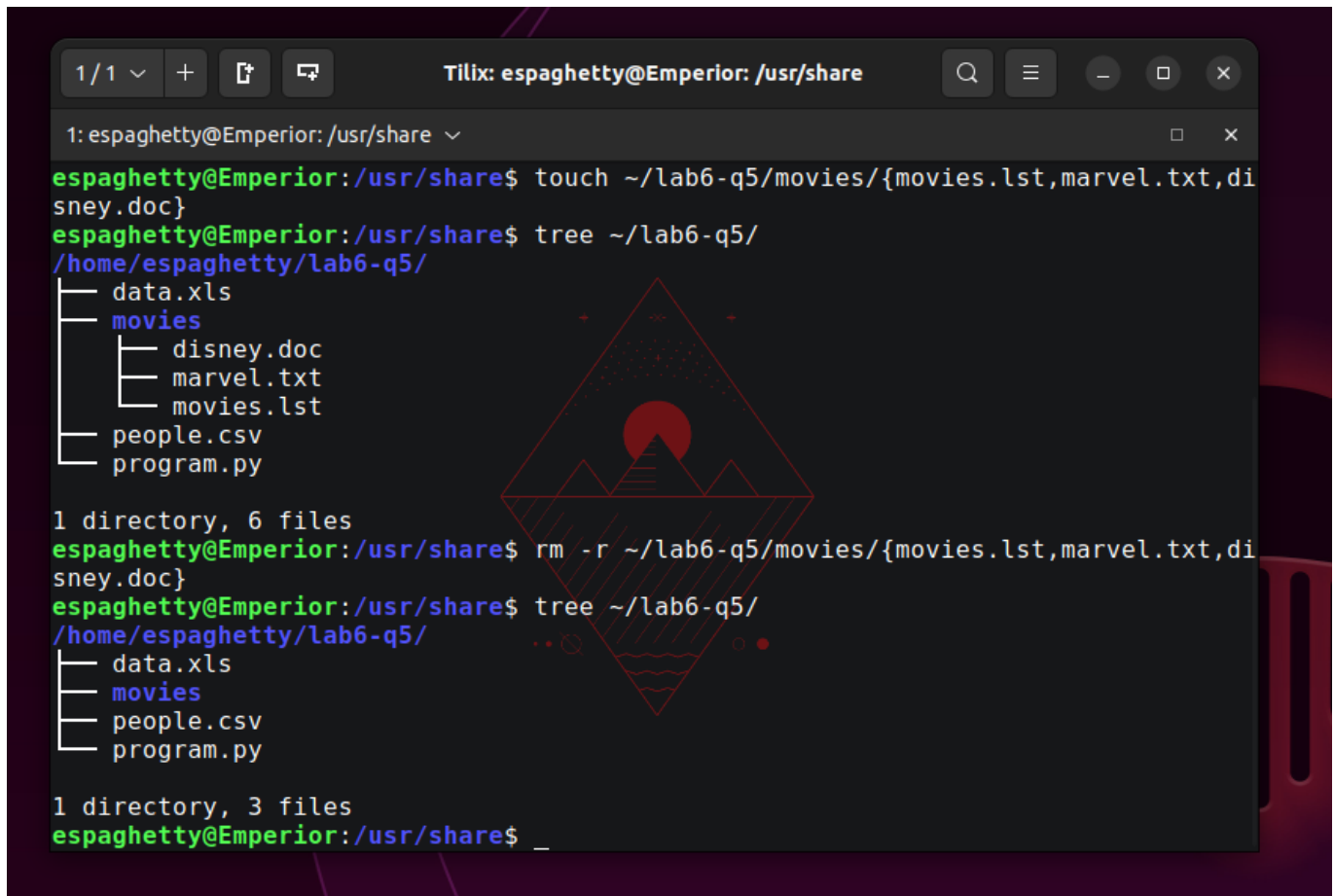
6 directories, 0 files
espaghetty@Emperor:~/lab6$ mkdir -p docs/books/{history,math}/{fall,spring}
espaghetty@Emperor:~/lab6$ tree docs/
docs/
├── books
│   ├── history
│   │   ├── fall
│   │   └── spring
│   └── math
│       ├── fall
│       └── spring

7 directories, 0 files
espaghetty@Emperor:~/lab6$ _
```

```
Tilix: espaghetty@Emperor: ~/lab6
1: espaghetty@Emperor: ~/lab6
├── spring
└── math
    ├── fall
    └── spring

7 directories, 0 files
espaghetty@Emperor:~/lab6$ touch docs/books/{history,math}/{fall,spring}/book.pdf
df
espaghetty@Emperor:~/lab6$ tree docs/
docs/
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf

7 directories, 4 files
espaghetty@Emperor:~/lab6$ _
```

A terminal window titled 'Tilix: espaghetty@Emperor: /usr/share' with standard window controls. The terminal shows a sequence of commands and their outputs. First, the user runs 'touch ~/lab6-q5/movies/{movies.lst,mарvel.txt,disney.doc}' to create three files. Then, they run 'tree ~/lab6-q5/' to show the directory structure, which includes 'data.xls', a 'movies' directory with three files, and 'people.csv' and 'program.py'. The output indicates 1 directory and 6 files. Next, the user runs 'rm -r ~/lab6-q5/movies/{movies.lst,mарvel.txt,disney.doc}' to delete the 'movies' directory and its contents. Finally, they run 'tree ~/lab6-q5/' again, showing that the 'movies' directory is gone, leaving only 3 files. The output indicates 1 directory and 3 files. The prompt is now '_'.

```
1/1 v + [ ] [ ] Tilix: espaghetty@Emperor: /usr/share
1: espaghetty@Emperor: /usr/share v
espaghetty@Emperor:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,mарvel.txt,disney.doc}
espaghetty@Emperor:/usr/share$ tree ~/lab6-q5/
/home/espaghetty/lab6-q5/
├── data.xls
├── movies
│   ├── disney.doc
│   ├── mарvel.txt
│   └── movies.lst
├── people.csv
└── program.py

1 directory, 6 files
espaghetty@Emperor:/usr/share$ rm -r ~/lab6-q5/movies/{movies.lst,mарvel.txt,disney.doc}
espaghetty@Emperor:/usr/share$ tree ~/lab6-q5/
/home/espaghetty/lab6-q5/
├── data.xls
├── movies
├── people.csv
└── program.py

1 directory, 3 files
espaghetty@Emperor:/usr/share$ _
```

Challenge question

```
Tilix: espaghetty@Emperor: ~/challenge-Lab6
1: espaghetty@Emperor: ~/challenge-Lab6
espaghetty@Emperor:~/challenge-Lab6$ mkdir {audio,docs,images}; mkdir audio/{aac,mp3}; mkdir docs/{docx,pdf,xls}; mkdir images/{jpg,png}
espaghetty@Emperor:~/challenge-Lab6$ tree
.
├── audio
│   ├── aac
│   └── mp3
├── docs
│   ├── docx
│   ├── pdf
│   └── xls
├── docs1.docx
├── docs1.pdf
├── docs2.docx
├── docs2.pdf
├── image1.gif
├── image1.jpg
├── image1.png
├── image2.gif
├── image2.jpg
├── image2.png
├── images
│   ├── jpg
│   └── png
├── program.go
├── program.py
├── program.rb
├── program.sh
├── song1.aac
├── song1.mp3
├── song2.aac
└── song2.mp3

10 directories, 18 files
espaghetty@Emperor:~/challenge-Lab6$ _
```

```
Tilix: espaghetty@Emperor: ~/challenge-Lab6
1: espaghetty@Emperor: ~/challenge-Lab6
espaghetty@Emperor:~/challenge-Lab6$ tree
.
├── audio
│   ├── aac
│   │   ├── song1.aac
│   │   └── song2.aac
│   └── mp3
│       ├── song1.mp3
│       └── song2.mp3
├── docs
│   ├── docx
│   │   ├── docs1.docx
│   │   └── docs2.docx
│   ├── go
│   │   └── program.go
│   ├── pdf
│   │   ├── docs1.pdf
│   │   └── docs2.pdf
│   ├── py
│   │   └── program.py
│   ├── rb
│   │   └── program.rb
│   └── sh
│       └── program.sh
├── images
│   ├── gif
│   │   ├── image1.gif
│   │   └── image2.gif
│   ├── jpg
│   │   ├── image1.jpg
│   │   └── image2.jpg
│   └── png
│       ├── image1.png
│       └── image2.png
├── program.go
├── program.py
├── program.rb
├── program.sh
├── song1.aac
├── song1.mp3
├── song2.aac
└── song2.mp3

14 directories, 18 files
espaghetty@Emperor:~/challenge-Lab6$ _
```

Bryant F. Polanco