

Lab 6 | globbing/wildcards

question1:

```
rbalbi@rbalbi... x  rbalbi@rbalbi... x  rbalbi@rbalbi... x  rbalbi@rbalbi... x
rbalbi@rbalbi-VirtualBox:~$ ls /etc/*.conf
/etc/adduser.conf          /etc/host.conf            /etc/pam.conf
/etc/apg.conf              /etc/inxi.conf            /etc/pnm2ppa.conf
/etc/appstream.conf        /etc/kernel-img.conf      /etc/popularity-contest.c
onf
/etc/brltty.conf           /etc/kerneloops.conf     /etc/resolv.conf
/etc/ca-certificates.conf  /etc/ld.so.conf           /etc/rsyslog.conf
/etc/debconf.conf          /etc/libao.conf           /etc/rygel.conf
/etc/deluser.conf          /etc/libaudit.conf        /etc/sensors3.conf
/etc/e2scrub.conf          /etc/logrotate.conf       /etc/sysctl.conf
/etc/fprintd.conf          /etc/ltrace.conf          /etc/ucf.conf
/etc/fuse.conf              /etc/mke2fs.conf          /etc/usb_modeswitch.conf
/etc/gai.conf              /etc/mtools.conf          /etc/xattr.conf
/etc/hdparm.conf           /etc/nsswitch.conf
rbalbi@rbalbi-VirtualBox:~$ ls -lgHs --time-style=+%D /etc/h*.conf /etc/p
*.conf
-rw-r--r--  1 7.5K 08/19/21 /etc/pnm2ppa.conf
-rw-r--r--  1 5.0K 08/21/19 /etc/hdparm.conf
-rw-r--r--  1 552 12/17/19 /etc/pam.conf
-rw-rw-r--  1 350 02/17/22 /etc/popularity-contest.conf
-rw-r--r--  1 92 12/05/19 /etc/host.conf
rbalbi@rbalbi-VirtualBox:~$
```

question2:

```

rbalbi@rbalbi-VirtualBox:~$ ls -A lab6/.*?
lab6/.appveyor.yml      lab6/.jshintsrc
lab6/.auto-changelog    lab6/.keep
lab6/.bash_history      lab6/.last_revision
lab6/.bash_logout       lab6/.metadata-v2
lab6/.bashrc            lab6/.meta.isrunning
lab6/.changed           lab6/.min-wd
lab6/.coveralls.yml     lab6/.npmignore
lab6/.dir-locals.el     lab6/.nycrc
lab6/.editorconfig      lab6/.obsolete
lab6/.envrc             lab6/.org.chromium.Chromium.fsDfmQ
lab6/.eslintignore      lab6/.padding
lab6/.eslintrc          lab6/.parentlock
lab6/.eslintrc.js       lab6/.prettierignore
lab6/.eslintrc.json     lab6/.prettierrc.yaml
lab6/.eslintrc.yml      lab6/.profile
lab6/.gitattributes     lab6/.sudo_as_admin_successful
lab6/.gitconfig         lab6/.tern-project
lab6/.gitignore         lab6/.theme.trashinfo
lab6/.gitkeep           lab6/.tm_properties
lab6/.gitmodules        lab6/.tonic_example.js
lab6/.hidden            lab6/.travis.yml
lab6/.htaccess          lab6/.vboxclient-clipboard.pid
lab6/.istanbul.yml      lab6/.vboxclient-display-svgx-x11.pid
lab6/.jscs.json         lab6/.vboxclient-draganddrop.pid
lab6/.jscsrc            lab6/.vboxclient-seamless.pid
lab6/.jshintignore       lab6/.vsixmanifest
rbalbi@rbalbi-VirtualBox:~$

```

question3:

```

rbalbi@rbalbi-VirtualBox:~$ ls lab6/[A-Z]*
lab6/Document.doc lab6/Expenses.xls
rbalbi@rbalbi-VirtualBox:~$ ls lab6/[A-Z0-9]*
lab6/25Games.lst lab6/Document.doc lab6/Expenses.xls
rbalbi@rbalbi-VirtualBox:~$ ls lab6/*[0-9]*
lab6/25Games.lst lab6/file_00.sh lab6/file_02.sh lab6/file_04.sh lab6/trip22-info.doc
lab6/apache03.err lab6/file_01.sh lab6/file_03.sh lab6/file_05.sh
rbalbi@rbalbi-VirtualBox:~$ ls lab6/*[a-z0-9]*
lab6/25Games.lst lab6/Document.doc lab6/file_00.sh lab6/file_02.sh lab6/file_04.sh lab6/last.txt lab6/lost.txt
lab6/apache03.err lab6/Expenses.xls lab6/file_01.sh lab6/file_03.sh lab6/file_05.sh lab6/list.txt lab6/trip22-info.doc

lab6/log-files:
88_Application-log.log  apache22.log  error.log  http404.log  unattended-upgrades-dpkg.log
access.log              auth.log      fontconfig.log  kern.log      unattended-upgrades.log
alternatives.log        bootstrap.log  gpu-manager.log  make.log      unattended-upgrades-shutdown.log
apache01-error.log      dpkg.log      history.log  term.log

```

question4:

```
rbalbi@rbalbi-VirtualBox: ~/lab6
rbalbi@rbalbi-VirtualBox:~$ cd lab6
rbalbi@rbalbi-VirtualBox:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
rbalbi@rbalbi-VirtualBox:~/lab6$ tree wallpapers/
wallpapers/
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
└──

4 directories, 0 files
rbalbi@rbalbi-VirtualBox:~/lab6$
```

```
rbalbi@rbalbi-VirtualBox: ~/lab6
rbalbi@rbalbi-VirtualBox:~/lab6$ mkdir -p assets/{imgs,video}/{large,small}
rbalbi@rbalbi-VirtualBox:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small

6 directories, 0 files
rbalbi@rbalbi-VirtualBox:~/lab6$
```

```
rbalbi@rbalbi-VirtualBox: ~/lab6
rbalbi@rbalbi-VirtualBox:~/lab6$ mkdir -p docs/books/{history,math}/{fall,spring}
rbalbi@rbalbi-VirtualBox:~/lab6$ tree docs/
docs/
├── books
│   ├── history
│   │   ├── fall
│   │   └── spring
│   └── math
│       ├── fall
│       └── spring
└──

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

7 directories, 4 files
rbalbi@rbalbi-VirtualBox:~/lab6$
```

```

rbalbi@rbalbi-VirtualBox: ~/lab6
rbalbi@rbalbi-VirtualBox:~/lab6$ mkdir -p research/{books/{math,science}/{epub,pdf},magazines/{computers,running,videogames}/{fanmade,official}}/
rbalbi@rbalbi-VirtualBox:~/lab6$ tree research
research
├── books
│   ├── math
│   │   ├── epub
│   │   └── pdf
│   └── science
│       ├── epub
│       └── pdf
└── magazines
    ├── computers
    │   ├── fanmade
    │   └── official
    ├── running
    │   ├── fanmade
    │   └── official
    └── videogames
        ├── fanmade
        └── official

17 directories, 0 files
rbalbi@rbalbi-VirtualBox:~/lab6$

rbalbi@rbalbi-VirtualBox:~$ cd /
rbalbi@rbalbi-VirtualBox:/$ cd usr/share/
rbalbi@rbalbi-VirtualBox:/usr/share$ rm ~/lab6-q5/program.py ~/lab6-q5/movies/{people.csv,disney.doc,mарvel.txt}
rm: cannot remove '/home/rbalbi/lab6-q5/program.py': No such file or directory
rm: cannot remove '/home/rbalbi/lab6-q5/movies/people.csv': No such file or directory
rm: cannot remove '/home/rbalbi/lab6-q5/movies/disney.doc': No such file or directory
rm: cannot remove '/home/rbalbi/lab6-q5/movies/mарvel.txt': No such file or directory
rbalbi@rbalbi-VirtualBox:/usr/share$ ls ~/lab6-q5/movies/
movies.lst
rbalbi@rbalbi-VirtualBox:/usr/share$

```

challenge question5:

```

rbalbi@rbalbi-VirtualBox:/$ cd
rbalbi@rbalbi-VirtualBox:~$ mkdir -p challenge-lab6/{audio/{aac/{all-acc-files-here},mp3/{all-mp3-files-here},docs/{docx/{all-docs-files-here},pdf{all-pdf-files-here},xls{all-xls-files-here},images/{jpg/{all-jpg-files-here},png/{all-png-files-here}}}/
rbalbi@rbalbi-VirtualBox:~$ tree challenge-lab6/
challenge-lab6/
├── audio
│   ├── aac
│   │   ├── {all-acc-files-here},mp3
│   │   └── {all-mp3-files-here},docs
│   └── {docx
│       ├── {all-docs-files-here},pdf{all-pdf-files-here},xls{all-xls-files-here},images
│       ├── jpg
│       │   ├── {all-jpg-files-here}
│       └── png
│           ├── {all-png-files-here}

```