Lab 6 | globing/wildcards

question1:

question2:

```
rbalbi@rbalbi-VirtualBox:~$ ls -A lab6/.??*
lab6/.appveyor.yml       lab6/.jshintrc
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-svga-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: ~/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                                    3 / 4
    ├── 2k
    └── 4k

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

```
 ⊞                                                          rbalbi@rbalbi-VirtualBox: ~/lab6

                    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       ×          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    ×    rbalbi@rbalbi-VirtualBox: ~/lab6    ×    rbalbi@rbalbi-VirtualBox: ~    ×
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,marvel.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/marvel.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}

10 directories, 0 files
rbalbi@rbalbi-VirtualBox:~$
```