

Lab6

Question 1

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1/1 v + [ ] [ ]
Tilix: dmatos45030@cis106vm: ~
1: dmatos45030@cis106vm: ~/lab6/q1 v
dmatos45030@cis106vm:~$ 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    166      0  0:00:02  0:00:02  --:--:--  166
dmatos45030@cis106vm:~$ cd lab6/
dmatos45030@cis106vm:~/lab6$ ls
q1 q2 q3
dmatos45030@cis106vm:~/lab6$ cd q1
dmatos45030@cis106vm:~/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
dmatos45030@cis106vm:~/lab6/q1$ ls *.log
access.log apache.log error.log ftp.log ssh.log
dmatos45030@cis106vm:~/lab6/q1$ mkdir ../log-files
dmatos45030@cis106vm:~/lab6/q1$ mv *.log ../log-files
dmatos45030@cis106vm:~/lab6/q1$

2: dmatos45030@cis106vm: ~
dmatos45030@cis106vm:~$ ls -l lab6/q1/*.c*
-rw-rw-r-- 1 dmatos45030 dmatos45030 0 Nov 10 17:54 lab6/q1/app.cfg
-rw-rw-r-- 1 dmatos45030 dmatos45030 0 Nov 10 17:54 lab6/q1/fuse.conf
-rw-rw-r-- 1 dmatos45030 dmatos45030 0 Nov 10 17:54 lab6/q1/game.cfg
-rw-rw-r-- 1 dmatos45030 dmatos45030 0 Nov 10 17:54 lab6/q1/simple.cnf
-rw-rw-r-- 1 dmatos45030 dmatos45030 0 Nov 10 17:54 lab6/q1/sudo.conf
-rw-rw-r-- 1 dmatos45030 dmatos45030 0 Nov 10 17:54 lab6/q1/zebra.cnf
dmatos45030@cis106vm:~$ ls -lgH5 lab6/q1/*.c*
-rw-rw-r-- 1 0 Nov 10 17:54 lab6/q1/app.cfg
-rw-rw-r-- 1 0 Nov 10 17:54 lab6/q1/fuse.conf
-rw-rw-r-- 1 0 Nov 10 17:54 lab6/q1/game.cfg
-rw-rw-r-- 1 0 Nov 10 17:54 lab6/q1/simple.cnf
-rw-rw-r-- 1 0 Nov 10 17:54 lab6/q1/sudo.conf
-rw-rw-r-- 1 0 Nov 10 17:54 lab6/q1/zebra.cnf
dmatos45030@cis106vm:~$ ls -lgH5 --time-style=+%D lab6/q1/*.c*
-rw-rw-r-- 1 0 11/10/24 lab6/q1/app.cfg
-rw-rw-r-- 1 0 11/10/24 lab6/q1/fuse.conf
-rw-rw-r-- 1 0 11/10/24 lab6/q1/game.cfg
-rw-rw-r-- 1 0 11/10/24 lab6/q1/simple.cnf
-rw-rw-r-- 1 0 11/10/24 lab6/q1/sudo.conf
-rw-rw-r-- 1 0 11/10/24 lab6/q1/zebra.cnf
dmatos45030@cis106vm:~$
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Question 2

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1/1 v + [ ] [ ]
Tilix: dmatos45030@cis106vm: ~
1: dmatos45030@cis106vm: ~
dmatos45030@cis106vm:~$ mkdir lab6/hidden-files/
dmatos45030@cis106vm:~$ ls lab6/q2/.*?
lab6/q2/.code lab6/q2/.index
lab6/q2/.helper lab6/q2/.unit_test
dmatos45030@cis106vm:~$ cp lab6/q2/.*? lab6/hidden-files/
dmatos45030@cis106vm:~$ ls lab6/q2/.*?
lab6/q2/.code lab6/q2/.index
lab6/q2/.helper lab6/q2/.unit_test
dmatos45030@cis106vm:~$ ls lab6/q2/*.*
lab6/q2/code.go lab6/q2/code.rb
lab6/q2/code.js lab6/q2/code.sh
lab6/q2/code.py
dmatos45030@cis106vm:~$ rm lab6/q2/*.*
dmatos45030@cis106vm:~$ ls lab6/q2/*.*
ls: cannot access 'lab6/q2/*.*': No such file or directory
dmatos45030@cis106vm:~$ rm lab6/q2/*.*
rm: cannot remove 'lab6/q2/*.*': No such file or directory
dmatos45030@cis106vm:~$ ls lab6/q2/[lr][aeiou]*[0-9].*
lab6/q2/last_0.txt lab6/q2/lost_0.txt
lab6/q2/last_1.txt lab6/q2/lost_1.txt
lab6/q2/last_2.txt lab6/q2/lost_2.txt
lab6/q2/last_3.txt lab6/q2/lost_3.txt
lab6/q2/list_0.txt lab6/q2/rest_0.txt
lab6/q2/list_1.txt lab6/q2/rest_1.txt
lab6/q2/list_2.txt lab6/q2/rust_0.txt
lab6/q2/list_3.txt lab6/q2/rust_1.txt
dmatos45030@cis106vm:~$ mkdir lab6/random
dmatos45030@cis106vm:~$ mv lab6/q2/[lr][aeiou]*[0-9].* lab6/random/
dmatos45030@cis106vm:~$

2: dmatos45030@cis106vm: ~
dmatos45030@cis106vm:~$ tree -a lab6/hidden-files/
lab6/hidden-files/
├── .code
├── .helper
├── .index
└── .unit_test

1 directory, 4 files
dmatos45030@cis106vm:~$ ls lab6/q2
last_0.txt list_3.txt rust_0.txt
last_1.txt lost_0.txt rust_1.txt
last_2.txt lost_1.txt Trip_doc.docx
last_3.txt lost_2.txt Trip_doc.pptx
list_0.txt lost_3.txt Trip_doc.vsd
list_1.txt rest_0.txt Trip_doc.xls
list_2.txt rest_1.txt
dmatos45030@cis106vm:~$ tree lab6/q2
lab6/q2
├── Trip_doc.docx
├── Trip_doc.pptx
├── Trip_doc.vsd
└── Trip_doc.xls

1 directory, 4 files
dmatos45030@cis106vm:~$
```

Question 3

```
1/1 v + [ ] [ ]
Tilix: dmatos45030@cis106vm: ~

1: dmatos45030@cis106vm: ~
dmatos45030@cis106vm:~$ mkdir -pv lab6/wallpapers/cars/{1080p,2k,4k}
mkdir: created directory 'lab6/wallpapers'
mkdir: created directory 'lab6/wallpapers/cars'
mkdir: created directory 'lab6/wallpapers/cars/1080p'
mkdir: created directory 'lab6/wallpapers/cars/2k'
mkdir: created directory 'lab6/wallpapers/cars/4k'
dmatos45030@cis106vm:~$ -tree lab6/wallpapers/
Command '-tree' not found, did you mean:
  command 'mtree' from deb mtree-netbsd (20180822-7)
  command 'ttree' from deb libtemplate-perl (2.27-1build7)
  command 'tree' from deb tree (2.1.1-2)
  command 'ytreet' from deb ytreet (1.99pl1-2.2)
Try: sudo apt install <deb name>
dmatos45030@cis106vm:~$ tree lab6/wallpapers/
lab6/wallpapers/
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
5 directories, 0 files
dmatos45030@cis106vm:~$ cd /
dmatos45030@cis106vm:/$ touch ~/lab6/q3/{program.py,people.csv,data.xls}
dmatos45030@cis106vm:/$ rm ~/lab6/q3/_file{0..2}.old
dmatos45030@cis106vm:/$

2: dmatos45030@cis106vm: ~
mkdir: created directory 'lab6/assets'
mkdir: created directory 'lab6/assets/ings'
mkdir: created directory 'lab6/assets/ings/large'
mkdir: created directory 'lab6/assets/ings/small'
mkdir: created directory 'lab6/assets/video'
mkdir: created directory 'lab6/assets/video/large'
mkdir: created directory 'lab6/assets/video/small'
dmatos45030@cis106vm:~$ tree lab6/assets/
lab6/assets/
├── ings
│   ├── large
│   └── small
└── video
    ├── large
    └── small
7 directories, 0 files
dmatos45030@cis106vm:~$

3: dmatos45030@cis106vm: ~
dmatos45030@cis106vm:~$ touch lab6/docs/books/{history/{fall,spring},math/{2024,2025}}/book.pdf
dmatos45030@cis106vm:~$ tree lab6/docs/
lab6/docs/
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── 2024
│       │   └── book.pdf
│       └── 2025
4: dmatos45030@cis106vm: ~
dmatos45030@cis106vm:~$ touch lab6/q3/file{a..z}.csv
dmatos45030@cis106vm:~$ tree lab6/q3/
lab6/q3/
├── data.xls
├── filea.csv
├── fileb.csv
├── filec.csv
├── filed.csv
├── filee.csv
├── filef.csv
├── fileg.csv
├── fileh.csv
├── filei.csv
├── filej.csv
├── filek.csv
├── filel.csv
└── filem.csv
```

Question 4

```
Nov 12 09:15
Tilix: dmatos45030@cis106vm: ~

1: dmatos45030@cis106vm: ~
mkdir: created directory 'lab6/audio/mp3/docs'
mkdir: created directory 'lab6/audio/mp3/docs/docx,'
mkdir: created directory 'lab6/audio/mp3/docs/docx,/images'
mkdir: created directory 'lab6/audio/mp3/docs/docx,/images/jpg'
mkdir: created directory 'lab6/audio/mp3/docs/docx,/images/png'
mkdir: created directory 'lab6/audio/mp3/docs/pdf,'
mkdir: created directory 'lab6/audio/mp3/docs/pdf,/images'
mkdir: created directory 'lab6/audio/mp3/docs/pdf,/images/jpg'
mkdir: created directory 'lab6/audio/mp3/docs/pdf,/images/png'
mkdir: created directory 'lab6/audio/mp3/docs/xls,'
mkdir: created directory 'lab6/audio/mp3/docs/xls,/images'
mkdir: created directory 'lab6/audio/mp3/docs/xls,/images/jpg'
mkdir: created directory 'lab6/audio/mp3/docs/xls,/images/png'
dmatos45030@cis106vm:~$ mkdir -pv lab6/{audio/{acc,np3},docs/{docx,pdf,xls},images/{jpg,png}}
mkdir: created directory 'lab6/audio/acc'
mkdir: created directory 'lab6/audio/mp3'
mkdir: created directory 'lab6/docs/docx'
mkdir: created directory 'lab6/docs/pdf'
mkdir: created directory 'lab6/docs/xls'
mkdir: created directory 'lab6/images'
mkdir: created directory 'lab6/images/jpg'
mkdir: created directory 'lab6/images/png'
dmatos45030@cis106vm:~$ mv challenge-Lab6/*.mp lab6/mp3
mv: cannot stat 'challenge-Lab6/*.mp': No such file or directory
dmatos45030@cis106vm:~$ mv challenge-Lab6/*.mp audio/mp3
mv: cannot stat 'challenge-Lab6/*.mp': No such file or directory
dmatos45030@cis106vm:~$ mv challenge-Lab6/*.mp4 audio/mp3
mv: target 'audio/mp3': No such file or directory
dmatos45030@cis106vm:~$ mv challenge-Lab6/*.mp3 lab6/audio/mp3
dmatos45030@cis106vm:~$ mv challenge-Lab6/*.jpg lab6/images/jpg
dmatos45030@cis106vm:~$ mv challenge-Lab6/*.png lab6/images/png
dmatos45030@cis106vm:~$ mv challenge-Lab6/*.gif lab6/images/jpg
dmatos45030@cis106vm:~$ mv challenge-Lab6/*.Hello lab6/images/png
mv: cannot stat 'challenge-Lab6/*.Hello': No such file or directory
dmatos45030@cis106vm:~$

2: dmatos45030@cis106vm: ~
dmatos45030@cis106vm:~$ tree lab6
lab6
├── assets
│   ├── ings
│   │   ├── large
│   │   └── small
│   └── video
│       ├── large
│       └── small
├── audio
│   ├── acc
│   │   ├── helloWorld.pl
│   │   └── helloWorld.py
│   └── mp3
│       ├── Breakers1.mp4
│       ├── music.mp3
│       └── Sonicwings2.mp4
├── docs
│   ├── docx
│   │   ├── file-sample_100kB.odt
│   │   └── file-sample_1MB.doc
│   ├── pdf
│   │   ├── file-sample_150kB.pdf
│   │   └── helloWorld.rb
│   └── xls
│       ├── helloWorld.sh
│       └── sound_track.ogg
├── hidden-files
├── images
│   ├── jpg
│   │   ├── 2ein.gif
│   │   └── 3ein.jpg
│   └── png
│       ├── 1ein.png
│       └── track.wav
└── log-files
    ├── access.log
    └── apache.log
```