

lab 6

q1

```
islam@islamlinux:~$ ls lab6/*.log
lab6/88_Application-log.log  lab6/http404.log
lab6/access.log             lab6/kern.log
lab6/alternatives.log       lab6/luahbtex.log
lab6/apache01-error.log     lab6/luatex.log
lab6/apache22.log           lab6/mf.log
lab6/auth.log               lab6/other_vhosts_access.log
lab6/bootstrap.log          lab6/pdfetex.log
lab6/casper.log             lab6/pdftex.log
lab6/dpkg.log               lab6/term.log
lab6/dvluatex.log           lab6/tex.log
lab6/error.log              lab6/ubuntu-advantage.log
lab6/etex.log               lab6/unattended-upgrades-dpkg.log
lab6/fontconfig.log         lab6/unattended-upgrades.log
lab6/gpu-manager.log        lab6/unattended-upgrades-shutdown.log
lab6/history.log            lab6/updmap.log
islam@islamlinux:~$ mkdir lab6/log-files
islam@islamlinux:~$ mv lab6/*.log lab6/log-files
islam@islamlinux:~$ 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/kerneloops.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
islam@islamlinux:~$ ls -lSgGh --time-style=+%D /etc/h*.conf /etc/p*.conf
-rw-r--r-- 1 7.5K 08/07/23 /etc/pnm2ppa.conf
-rw-r--r-- 1 4.4K 12/15/20 /etc/hdparm.conf
-rw-r--r-- 1 552 08/11/20 /etc/pam.conf
-rw-r--r-- 1 92 10/15/21 /etc/host.conf
islam@islamlinux:~$
```

q2

```

1: islam@islamlinux: ~/lab6
islam@islamlinux:~/lab6$ ls .??*
.auto-changelog      .gitkeep             .nycrc
.babelrc             .gitmodules          .obsolete
.bash_history        .gsd-keyboard.settings-ported .org.chromium.Chromium.3424tV
.bash_logout         .hello.sh.swp        .org.chromium.Chromium.7CjvtU
.bashrc              .hidden              .org.chromium.Chromium.Ns5XYV
.changed             .htaccess            .padding
.cis106.png          .istanbul.yml        .parentlock
.coveralls.yml       .jscs.json           .profile
.dir-locals.el       .jscsrc              .startup-incomplete
.editorconfig        .jshintignore         .sudo_as_admin_successful
.eslintignore        .jshintrc            .tern-project
.eslintrc            .keep                .testignore
.eslintrc.js         .last_revision       .tm_properties
.eslintrc.json       .lint                .tonic_example.js
.eslintrc.yml        .metadata-v2         .travis.yml
.folds.trashinfo     .meta.isrunning      .uuid
.gitattributes       .migrated            .viminfo
.gitconfig           .min-wd              .vsixmanifest
.gitignore           .npmignore

islam@islamlinux:~/lab6$ ls -A *.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
islam@islamlinux:~/lab6$ ls l?st*
last.txt list.txt lost.txt
islam@islamlinux:~/lab6$ ls _??.*
ls: cannot access '_??.*': No such file or directory
islam@islamlinux:~/lab6$ ls *_??.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
islam@islamlinux:~/lab6$

```

q3

```

islam@islamlinux:~/lab6$ ls [A-Z]*
Document.doc Expenses.xls
islam@islamlinux:~/lab6$ ls[A-Z0-9]*
ls[A-Z0-9]*: command not found
islam@islamlinux:~/lab6$ ls [A-Z0-9]*
25Games.lst Document.doc Expenses.xls
islam@islamlinux:~/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
islam@islamlinux:~/lab6$ ls [a-z]*[0-9].*
apache03.err file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
islam@islamlinux:~/lab6$

```

q4

```
islam@islamlinux:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
islam@islamlinux:~/lab6$ tree wallpapers
wallpapers
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
4 directories, 0 files
islam@islamlinux:~/lab6$ mkdir -p assets/{imgs,videos}/{large,small}
islam@islamlinux:~/lab6$ tree assets
assets
├── imgs
│   ├── large
│   └── small
└── videos
    ├── large
    └── small
6 directories, 0 files
islam@islamlinux:~/lab6$ mkdir -p docs/books/{history,math}/{fall,spring}
islam@islamlinux:~/lab6$ touch docs/books/{history,math}/{fall,spring}/book.pdf
islam@islamlinux:~/lab6$ tree docs
docs
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
7 directories, 4 files
islam@islamlinux:~/lab6$ cd
islam@islamlinux:~$ mkdir lab6-q5
islam@islamlinux:~$ cd /
islam@islamlinux:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
islam@islamlinux:/$ cd /usr/share
islam@islamlinux:/usr/share$ mkdir ~/lab6-q5/movies
islam@islamlinux:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,marvel.txt,disney.doc}
islam@islamlinux:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{marvel.txt,disney.doc}}
```

challenge

```
islam@islamlinux:~/challenge-Lab6$ mkdir -p {audio/{aac,mp3},docs/{docx,pdf,xls},images/{jpg,png}}
islam@islamlinux:~/challenge-Lab6$ mv *.docx docs/docx
islam@islamlinux:~/challenge-Lab6$ mv *.pdf docs/pdf
islam@islamlinux:~/challenge-Lab6$ mv *.jpg images/jpg
islam@islamlinux:~/challenge-Lab6$ mv *.png images/png
islam@islamlinux:~/challenge-Lab6$ mv *.mp3 audio/mp3
islam@islamlinux:~/challenge-Lab6$ mv *.aac audio/aac
islam@islamlinux:~/challenge-Lab6$ tree
```

```
.
├── audio
│   ├── aac
│   │   ├── song1.aac
│   │   └── song2.aac
│   └── mp3
│       ├── song1.mp3
│       └── song2.mp3
├── docs
│   ├── docx
│   │   ├── docs1.docx
│   │   └── docs2.docx
│   ├── pdf
│   │   ├── docs1.pdf
│   │   └── docs2.pdf
│   └── xls
├── image1.gif
├── image2.gif
├── images
│   ├── jpg
│   │   ├── image1.jpg
│   │   └── image2.jpg
│   └── png
│       ├── image1.png
│       └── image2.png
├── program.go
├── program.py
├── program.rb
└── program.sh
```

10 directories, 18 files

```
islam@islamlinux:~/challenge-Lab6$
```