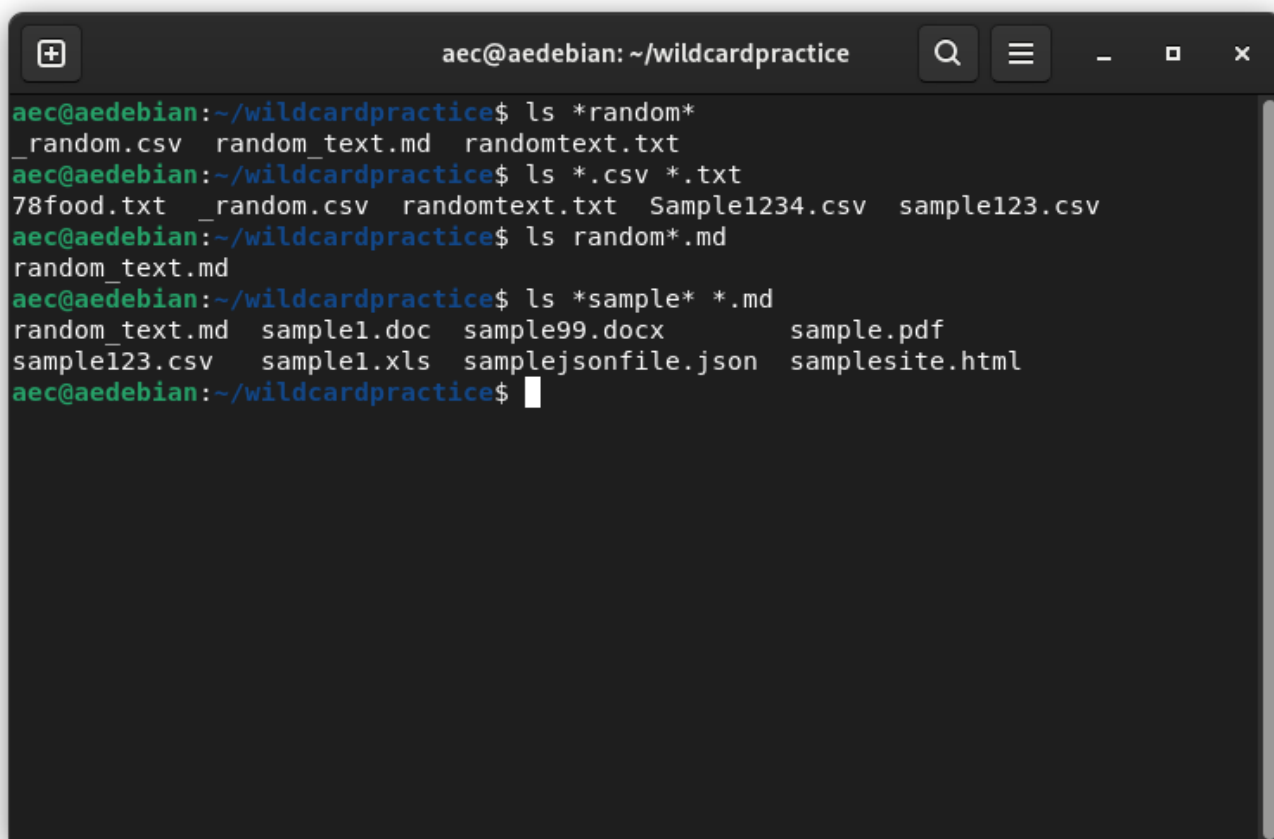


Lab 7

Practice 1



```
aec@a Debian: ~/wildcardpractice
aec@a Debian:~/wildcardpractice$ ls *random*
_random.csv  random_text.md  randomtext.txt
aec@a Debian:~/wildcardpractice$ ls *.csv *.txt
78food.txt  _random.csv  randomtext.txt  Sample1234.csv  sample123.csv
aec@a Debian:~/wildcardpractice$ ls random*.md
random_text.md
aec@a Debian:~/wildcardpractice$ ls *sample* *.md
random_text.md  sample1.doc  sample99.docx  sample.pdf
sample123.csv  sample1.xls  samplejsonfile.json  samplesite.html
aec@a Debian:~/wildcardpractice$
```

Practice 2

```

aec@aedebian: ~/wildcardpractice
aec@aedebian:~/wildcardpractice$ ls *.???
2020-08-27-capture.raw  baik.pdf  bk.pdf  file.log  sample1.doc
2022-02-02-camera.jpg  baik.xml  bk.xml  logo100x100.png  sample1.xls
78food.txt             beatk.exe book.exe _random.csv  sample.pdf
allfiles.lst           beatk.pdf book.pdf _randomtext.txt  Sample.pdf
Allfiles.lst           beatk.xml book.xml Sample1234.csv
baik.exe              bk.exe   fail.log sample123.csv
aec@aedebian:~/wildcardpractice$ ls .*
.bash_history  .hidden1.py  .hidden2.py
.hidden1.doc   .hidden2.doc .hiddenFile.txt
aec@aedebian:~/wildcardpractice$ ls b??*.???
baik.exe  baik.xml  beatk.pdf  book.exe  book.xml
baik.pdf  beatk.exe  beatk.xml  book.pdf
aec@aedebian:~/wildcardpractice$ ls sample*.*
ls: cannot access 'sample*.*': No such file or directory
aec@aedebian:~/wildcardpractice$ ls sample?.*
sample1.doc  sample1.xls
aec@aedebian:~/wildcardpractice$ ls .??*.??
.hidden1.py  .hidden2.py
aec@aedebian:~/wildcardpractice$

```

Practice 3

```

aec@aedebian: ~/wildcardpractice
aec@aedebian:~/wildcardpractice$ ls [a-z]*.???
allfiles.lst  beatk.exe  bk.pdf  book.xml  randomtext.txt  sample.pdf
baik.exe      beatk.pdf  bk.xml  fail.log  sample123.csv
baik.pdf     beatk.xml  book.exe  file.log  sample1.doc
baik.xml     bk.exe    book.pdf  logo100x100.png  sample1.xls
aec@aedebian:~/wildcardpractice$ [A-Z]*[0-9]*
bash: Sample1234.csv: command not found
aec@aedebian:~/wildcardpractice$ ls [A-Z]*[0-9]*
Sample1234.csv
aec@aedebian:~/wildcardpractice$ ls [0-9][0-9][0-9][0-9]*
2020-08-27-capture.raw  2021-04-10-screenshot.jpeg  2022-02-02-camera.jpg
aec@aedebian:~/wildcardpractice$ [!AEIOUaeiou]*
bash: 2020-08-27-capture.raw: command not found
aec@aedebian:~/wildcardpractice$ ls [!AEIOUaeiou]*
2020-08-27-capture.raw  beatk.pdf  fail.log  sample1.doc
2021-04-10-screenshot.jpeg  beatk.xml  file.log  sample1.xls
2022-02-02-camera.jpg      bk.exe    logo100x100.png  sample99.docx
78food.txt                bk.pdf   _random.csv  samplejsonfile.json
baik.exe                  bk.xml   random_text.md  sample.pdf
baik.pdf                 book.exe  randomtext.txt  Sample.pdf
baik.xml                 book.pdf  Sample1234.csv  samplesite.html
beatk.exe                book.xml  sample123.csv
aec@aedebian:~/wildcardpractice$ ls [[:punct:]]*
_random.csv
aec@aedebian:~/wildcardpractice$

```

Practice 4

```
aec@a Debian: ~/music
aec@a Debian: ~/music$ cd
aec@a Debian: ~$ mkdir -p music/{jazz,rock}/{mp3files,vidoes,oggfiles}/new
aec@a Debian: ~$ cd ~/music
aec@a Debian: ~/music$ tree
.
├── jazz
│   ├── mp3files
│   │   └── new
│   ├── oggfiles
│   │   └── new
│   └── vidoes
│       └── new
└── rock
    ├── mp3files
    │   └── new
    ├── oggfiles
    │   └── new
    └── vidoes
        └── new

15 directories, 0 files
aec@a Debian: ~/music$
```

Challenge 1

```
aec@a Debian: ~/wallpapers
aec@a Debian: ~$ mkdir -p wallpapers/cars/{1080p,2k,4k}
aec@a Debian: ~$ cd wallpapers
aec@a Debian: ~/wallpapers$ tree
.
└── cars
    ├── 1080p
    ├── 2k
    └── 4k

5 directories, 0 files
aec@a Debian: ~/wallpapers$
```

```
aec@a Debian: ~/assets

aec@a Debian:~$ mkdir -p assets/{imgs,video}/{large,small}
aec@a Debian:~$ cd assets
aec@a Debian:~/assets$ tree
.
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small

7 directories, 0 files
aec@a Debian:~/assets$
```

Challenge 2

```
aec@a Debian: ~/website_ch1_lab7

aec@a Debian:~/website_ch1_lab7$ tree
.
├── pages
│   ├── post1.html
│   ├── post2.html
│   ├── post3.html
│   ├── Products.Json
│   ├── Robots.txt
│   └── Users.Json
├── 404.html
├── app
│   ├── api.js
│   └── app.js
├── assets
│   ├── css
│   │   ├── _reset.css
│   │   ├── style.css
│   │   └── theme.css
│   ├── images
│   │   ├── cart.svg
│   │   ├── footer.jpg
│   │   ├── hero.png
│   │   ├── item1.raw
│   │   └── item2.jpg
│   ├── components
│   │   ├── footer.html
│   │   ├── header.html
│   │   ├── navbar.html
│   │   └── sidebar.html
│   ├── config
│   │   ├── App.conf
│   │   ├── App.conf.bk
│   │   ├── db1.conf.old
│   │   └── deploy
│   │       ├── backup.sh
│   │       ├── build.sh
│   │       └── deploy.sh
│   ├── data
│   │   ├── posts.json
│   │   ├── Products.Json
│   │   ├── Users.Json
│   └── index.html
└── pages
    ├── post1.html
    ├── post2.html
    ├── post3.html
    └── Robots.txt

10 directories, 29 files
aec@a Debian:~/website_ch1_lab7$
```

A screenshot of a terminal window with a dark background. The title bar at the top shows three tabs, all with the text 'aec@a Debian: ~/website_ch1_lab7'. The terminal content shows a series of commands and their outputs. The user starts by running 'cd website_ch1_lab7'. Then, they use 'mkdir' to create directories for 'app', 'assets', 'components', 'config', 'data', and 'pages'. Next, they use 'mkdir' to create sub-directories 'assets/css', 'images', 'config/deploy', and 'api'. The 'mv' command is used to move files from the parent directory into these sub-directories. The user attempts to move a file named 'p' into the 'app' directory, which fails with an 'invalid option' error. They then try to move a file named 'p' into the 'assets/css' directory, which fails with a 'cannot stat' error. This process is repeated for 'assets/css', 'assets/images', and 'components' directories, all failing with 'cannot stat' errors. Finally, the user moves files into the 'config' directory, which succeeds. The terminal ends with the prompt 'aec@a Debian: ~/website_ch1_lab7\$'.