Lab 7 Submission

Question 1 Practice

Practice 1

```
student@fedora:~/wildcardpractice                                              _ □ □
> ls *random*
_random.csv  random_text.md  randomtext.txt
> ls *.csv *.txt
78food.txt  _random.csv  randomtext.txt  Sample1234.csv  sample123.csv
> ls random*.md
random_text.md
> ls *sample* *.md
random_text.md  sample1.doc  sample99.docx       sample.pdf
sample123.csv   sample1.xls  samplejsonfile.json  samplesite.html

~/wildcardpractice                                                      00:18:19
>
```

Practice 2

```
student@fedora:~/wildcardpractice                                              _ □ □
> ls *.???
2020-08-27-capture.raw  Allfiles.lst  beatk.exe  bk.pdf   book.xml       _random.csv     sample1.doc
2022-02-02-camera.jpg   baik.exe      beatk.pdf  bk.xml   fail.log       randomtext.txt  sample1.xls
78food.txt              baik.pdf      beatk.xml  book.exe  file.log       Sample1234.csv  sample.pdf
allfiles.lst            baik.xml      bk.exe     book.pdf  logo100x100.png sample123.csv   Sample.pdf
> ls .??*
.bash_history  .hidden1.doc  .hidden1.py  .hidden2.doc  .hidden2.py  .hiddenFile.txt
> ls b??*.???
baik.exe  baik.pdf  baik.xml  beatk.exe  beatk.pdf  beatk.xml  book.exe  book.pdf  book.xml
> ls sample?.*
sample1.doc  sample1.xls
> ls .??*.??
.hidden1.py  .hidden2.py

~/wildcardpractice                                                      00:24:08
>
```

Practice 3

```
> ls [a-z]*.???
allfiles.lst  baik.xml    beatk.xml  bk.xml    book.xml   logo100x100.png  sample1.doc
baik.exe      beatk.exe  bk.exe      book.exe  fail.log   randomtext.txt   sample1.xls
baik.pdf      beatk.pdf  bk.pdf      book.pdf  file.log   sample123.csv    sample.pdf
> ls [A-Z]*[0-9]*
Sample1234.csv
> ls [0-9][0-9][0-9][0-9]*
2020-08-27-capture.raw  2021-04-10-screenshot.jpeg  2022-02-02-camera.jpg
> ls [!AEIOUaeiou]*
2020-08-27-capture.raw      baik.xml   bk.xml     logo100x100.png  sample1.doc          samplesite.html
2021-04-10-screenshot.jpeg  beatk.exe  book.exe   _random.csv      sample1.xls
2022-02-02-camera.jpg       beatk.pdf  book.pdf   random_text.md   sample99.docx
78food.txt                  beatk.xml  book.xml   randomtext.txt   samplejsonfile.json
baik.exe                    bk.exe     fail.log   Sample1234.csv   sample.pdf
baik.pdf                    bk.pdf     file.log   sample123.csv    Sample.pdf
> ls [[:punct:]]*
_random.csv

~/wildcardpractice                                                               17:48:41
>
```

Practice 4

```
> mkdir -p music/{jazz,rock}/{mp3files,videos,oggfiles}/new
> tree music
music
├── jazz
│   ├── mp3files
│   │   └── new
│   ├── oggfiles
│   │   └── new
│   └── videos
│       └── new
└── rock
    ├── mp3files
    │   └── new
    ├── oggfiles
    │   └── new
    └── videos
        └── new

15 directories, 0 files
```

Question 2 Challenge 1

```
❯ mkdir -p wallpapers/cars/{1080p,2k,4k} assets/{imgs,video}/{large,small}
❯ tree
.
├── assets
│   ├── imgs
│   │   ├── large
│   │   └── small
│   └── video
│       ├── large
│       └── small
└── wallpapers
    └── cars
        ├── 1080p
        ├── 2k
        └── 4k
```

Question 3 Challenge 2

Initial subdirectory creation

```
~/question3c2
❯ mkdir -p website_ch1_lab7/{app,assets/{css,images},components,config/deploy,data,pages}
```

Subdirectory check

```
> tree
.
├── 404.html
├── api.js
├── app
├── APP.conf
├── APP.conf.bk
├── app.js
├── assets
│   ├── css
│   └── images
├── backup.sh
├── build.sh
├── cart.svg
├── components
├── config
│   └── deploy
├── data
├── DB1.conf.old
├── deploy.sh
├── footer.html
├── footer.jpg
├── header.html
├── hero.png
├── index.html
├── item1.raw
├── item2.jpg
├── navbar.html
├── pages
├── post1.html
├── post2.html
├── post3.html
├── posts.json
├── _Products.Json
├── _reset.css
├── Robots.txt
├── sidebar.html
├── _style.css
├── _theme.css
└── Users.JSON

10 directories, 29 files
```

Full list of commands used to move files

```
~/question3c2
❯ cd website_ch1_lab7
❯ cd website_ch1_lab7
❯ mv *.js app
❯ mv _*.css assets/css
❯ mv *.conf* config
❯ mv *s.???? data
❯ mv *.sh config/deploy
❯ mv *[1-3].html pages
❯ mv [!4]*r.html components
❯ mv [!A-Z]??*.??? assets/images
```

Checks done before doing `mv` operations

```
10 directories, 29 files
> ls *.sh
backup.sh  build.sh  deploy.sh
> ls *[1-3].html
post1.html  post2.html  post3.html
> ls *.html
404.html  footer.html  header.html  index.html  navbar.html  sidebar.html
> ls [!4]*.html
footer.html  header.html  index.html  navbar.html  sidebar.html
> ls [!4]*r.html
footer.html  header.html  navbar.html  sidebar.html
> tree
.
├── 404.html
├── app
│   ├── api.js
│   └── app.js
├── assets
│   ├── css
│   │   ├── _reset.css
│   │   ├── _style.css
│   │   └── _theme.css
│   └── images
├── cart.svg
├── 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
├── footer.jpg
├── hero.png
├── index.html
├── item1.raw
```

Final `tree` output

```
❯ ls [!A-Z]??*.???
cart.svg  footer.jpg  hero.png  item1.raw  item2.jpg
❯ tree
.
├── 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
```