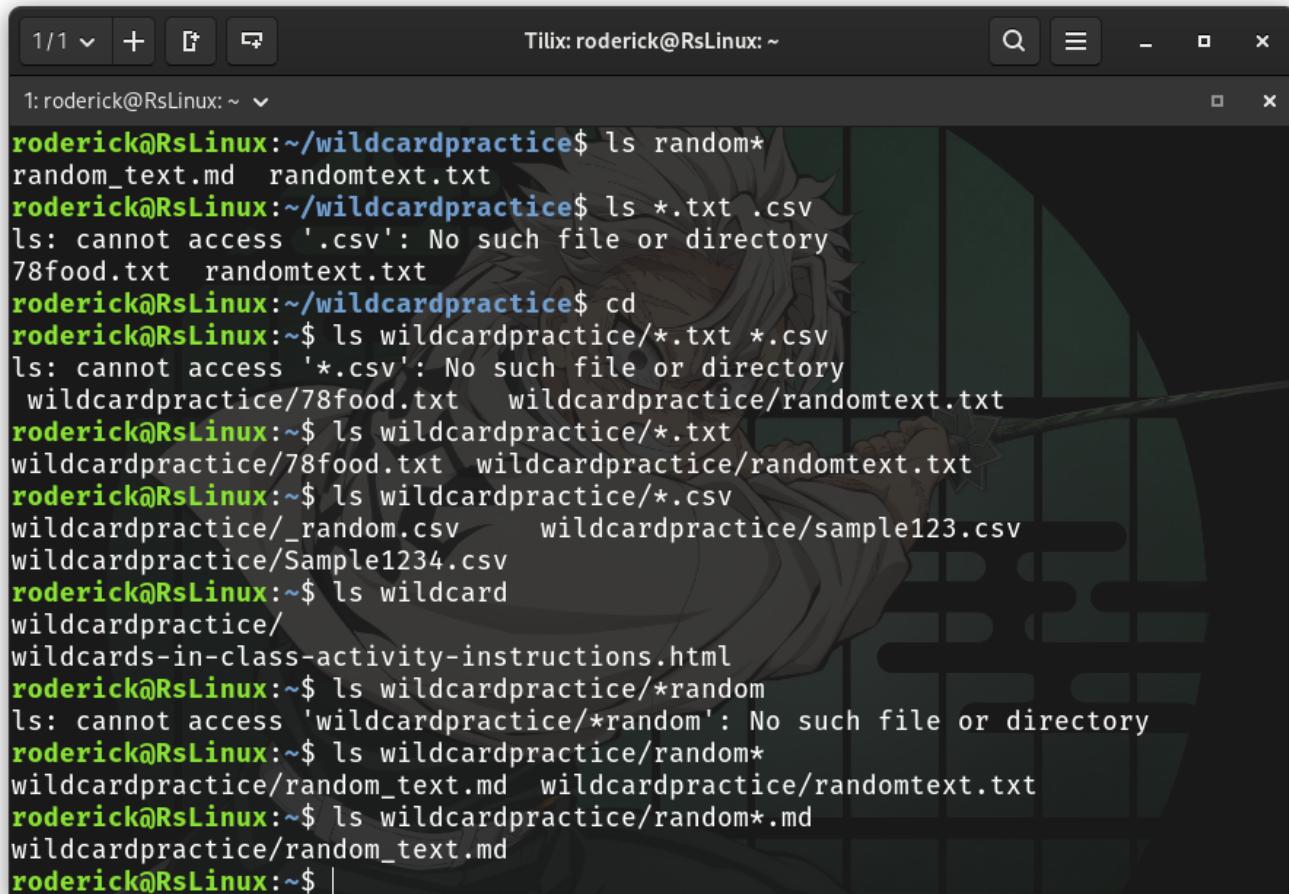


# Lab 7

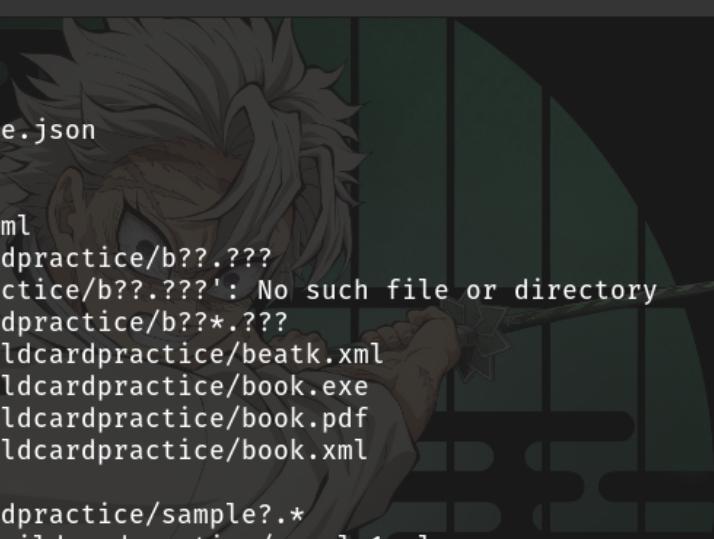
## Question 1

### Practice 1



```
1: roderick@RsLinux: ~ 
roderick@RsLinux:~/wildcardpractice$ ls random*
random_text.md  randomtext.txt
roderick@RsLinux:~/wildcardpractice$ ls *.txt *.csv
ls: cannot access '.csv': No such file or directory
78food.txt  randomtext.txt
roderick@RsLinux:~/wildcardpractice$ cd
roderick@RsLinux:~$ ls wildcardpractice/*.txt *.csv
ls: cannot access '*.csv': No such file or directory
wildcardpractice/78food.txt  wildcardpractice/randomtext.txt
roderick@RsLinux:~$ ls wildcardpractice/*.txt
wildcardpractice/78food.txt  wildcardpractice/randomtext.txt
roderick@RsLinux:~$ ls wildcardpractice/*.csv
wildcardpractice/_random.csv  wildcardpractice/sample123.csv
wildcardpractice/Sample1234.csv
roderick@RsLinux:~$ ls wildcard
wildcardpractice/
wildcards-in-class-activity-instructions.html
roderick@RsLinux:~$ ls wildcardpractice/*random
ls: cannot access 'wildcardpractice/*random': No such file or directory
roderick@RsLinux:~$ ls wildcardpractice/random*
wildcardpractice/random_text.md  wildcardpractice/randomtext.txt
roderick@RsLinux:~$ ls wildcardpractice/random*.md
wildcardpractice/random_text.md
roderick@RsLinux:~$ |
```

### Practice 2

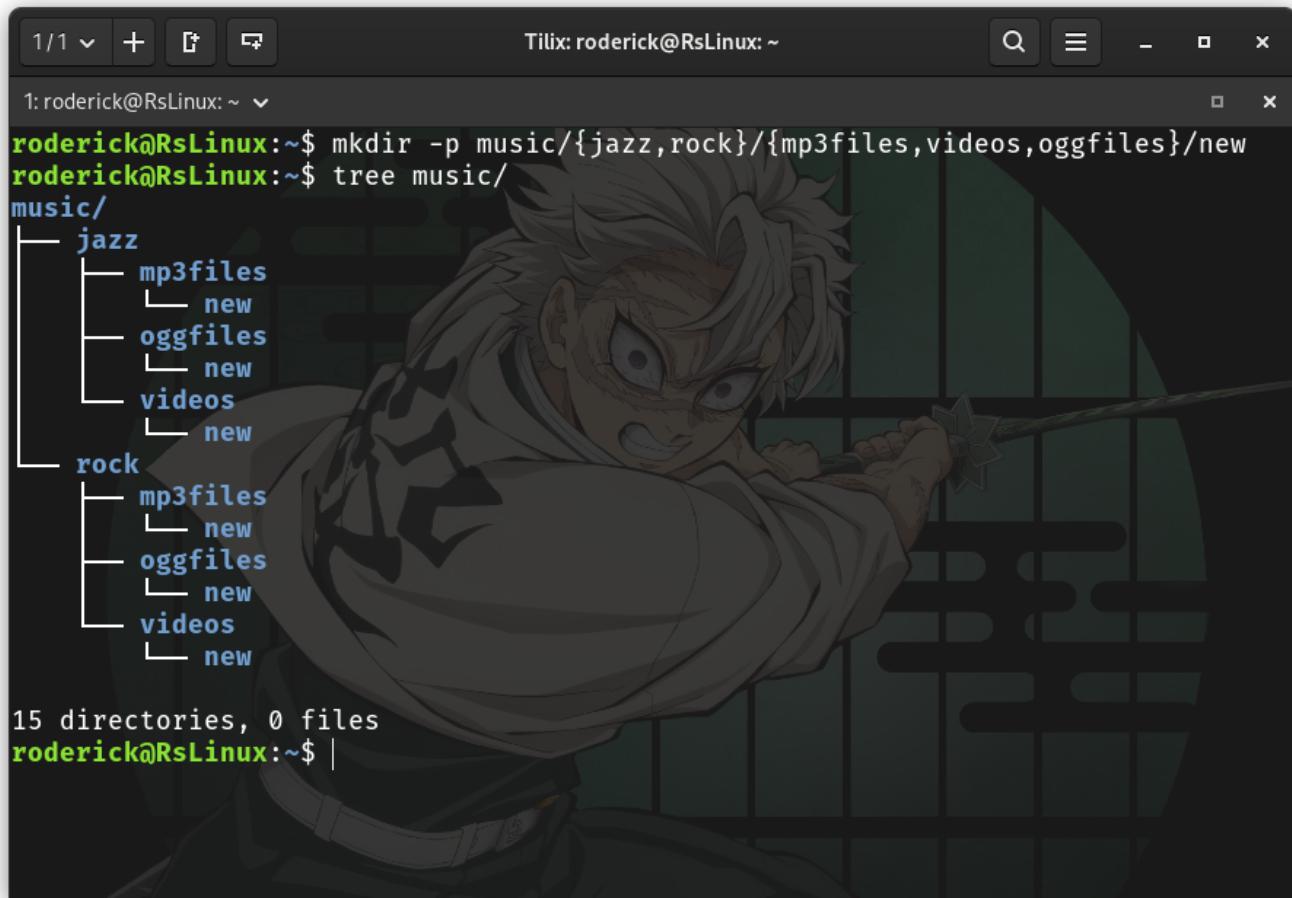
A terminal window titled "Tilix: roderick@RsLinux: ~". The terminal displays a series of Linux command-line operations demonstrating wildcard usage. The user lists files in the "wildcardpractice" directory, attempting various wildcard patterns like "b??..???", ".??\*", and "??.\*".

```
1: roderick@RsLinux: ~
wildcardpractice/sample1.doc
wildcardpractice/sample1.xls
wildcardpractice/sample99.docx
wildcardpractice/samplejsonfile.json
wildcardpractice/sample.pdf
wildcardpractice/Sample.pdf
wildcardpractice/samplesite.html
roderick@RsLinux:~$ ls wildcardpractice/b??..???
ls: cannot access 'wildcardpractice/b??..???: No such file or directory
roderick@RsLinux:~$ ls wildcardpractice/b??*.??
wildcardpractice/baik.exe    wildcardpractice/beatk.xml
wildcardpractice/baik.pdf    wildcardpractice/book.exe
wildcardpractice/baik.xml   wildcardpractice/book.pdf
wildcardpractice/beatk.exe  wildcardpractice/book.xml
wildcardpractice/beatk.pdf
roderick@RsLinux:~$ ls wildcardpractice/sample?.*
wildcardpractice/sample1.doc  wildcardpractice/sample1.xls
roderick@RsLinux:~$ ls wildcardpractice/.???
wildcardpractice/.bash_history  wildcardpractice/.hidden2.doc
wildcardpractice/.hidden1.doc  wildcardpractice/.hidden2.py
wildcardpractice/.hidden1.py   wildcardpractice/.hiddenFile.txt
roderick@RsLinux:~$ ls wildcardpractice/.??*.??
wildcardpractice/.hidden1.py  wildcardpractice/.hidden2.py
roderick@RsLinux:~$ |
```

### Practice 3

```
1: roderick@RsLinux: ~
wildcardpractice/bk.xml
wildcardpractice/book.exe
wildcardpractice/book.pdf
wildcardpractice/book.xml
wildcardpractice/fail.log
wildcardpractice/file.log
wildcardpractice/logo100x100.png
wildcardpractice/_random.csv
wildcardpractice/random_text.md
wildcardpractice/randomtext.txt
wildcardpractice/Sample1234.csv
wildcardpractice/sample123.csv
wildcardpractice/sample1.doc
wildcardpractice/sample1.xls
wildcardpractice/sample99.docx
wildcardpractice/samplejsonfile.json
wildcardpractice/sample.pdf
wildcardpractice/Sample.pdf
wildcardpractice/samplesite.html
roderick@RsLinux:~$ ls wildcardpractice/[::punct::]*
ls: cannot access 'wildcardpractice/[::punct::]*': No such file or directory
roderick@RsLinux:~$ ls wildcardpractice/[[:punct:]]*
wildcardpractice/_random.csv
roderick@RsLinux:~$ |
```

#### Practice 4



```
1: roderick@RsLinux: ~
roderick@RsLinux:~$ mkdir -p music/{jazz,rock}/{mp3files,videos,oggfiles}/new
roderick@RsLinux:~$ tree music/
music/
└── jazz
    ├── mp3files
    │   └── new
    ├── oggfiles
    │   └── new
    └── videos
        └── new
└── rock
    ├── mp3files
    │   └── new
    ├── oggfiles
    │   └── new
    └── videos
        └── new

15 directories, 0 files
roderick@RsLinux:~$ |
```

## Question 2

```
1: roderick@RsLinux: ~ 

```
roderick@RsLinux:~$ ls/wallpapers*
bash: ls/wallpapers*: No such file or directory
roderick@RsLinux:~$ ls/*wallpapers
bash: ls/*wallpapers: No such file or directory
roderick@RsLinux:~$ mkdir -p wallpapers/{cars}/{1080p,2k,4k}
roderick@RsLinux:~$ tree wallpapers/
wallpapers/
└── {cars}
    ├── 1080p
    ├── 2k
    └── 4k

5 directories, 0 files
roderick@RsLinux:~$ mv wallpapers/{cars} wallpapers/cars
roderick@RsLinux:~$ tree wallpapers/
wallpapers/
└── cars
    ├── 1080p
    ├── 2k
    └── 4k

5 directories, 0 files
roderick@RsLinux:~$ |
```


```

```
1: roderick@RsLinux: ~ 

```
roderick@RsLinux:~$ mkdir -p assets/{imgs,video}/{large/small}
roderick@RsLinux:~$ tree assets/
assets/
└── imgs
    ├── large
    └── small
    └── video
        ├── large
        └── small

7 directories, 0 files
roderick@RsLinux:~$ |
```


```

## Question 3

Terminal 1 (Left):

```
1: roderick@RsLinux:~/website_ch1_lab7 ~
└── deploy.sh
    ├── footer.html
    └── footer.jpg
    ├── header.html
    └── hero.png
    ├── index.html
    ├── item1.raw
    └── item2.jpg
    ├── navbar.html
    ├── post1.html
    ├── post2.html
    ├── post3.html
    ├── posts.json
    ├── _Products.Json
    ├── _reset.css
    ├── Robots.txt
    ├── sidebar.html
    ├── _style.css
    └── _theme.css
    Users.JSON

1 directory, 29 files
roderick@RsLinux:~/website_ch1_lab7$ mkdir -pmkdir -p app
assets/{css,images} components config deploy data pages
mkdir: invalid mode 'kdir'
roderick@RsLinux:~/website_ch1_lab7$ mkdir -p app assets/{css,images} components config deploy data pages
roderick@RsLinux:~/website_ch1_lab7$ |
```

Terminal 2 (Right):

```
2: roderick@RsLinux: ~
roderick@RsLinux:~$ tree website_ch1_lab7/
website_ch1_lab7/
├── 404.html
├── api.js
├── app
│   ├── APP.conf
│   ├── APP.conf.bk
│   ├── app.js
│   └── assets
│       ├── css
│       └── images
├── backup.sh
├── build.sh
├── cart.svg
├── components
├── config
├── data
├── DB1.conf.old
├── deploy
├── deploy.sh
├── footer.html
├── footer.jpg
├── header.html
├── hero.png
├── index.html
├── item1.raw
├── item2.jpg
├── navbar.html
└── pages
```

Terminal 1 (Left):

```
1: roderick@RsLinux:~/website_ch1_lab7 ~
└── _theme.css
    Users.JSON

1 directory, 29 files
roderick@RsLinux:~/website_ch1_lab7$ mkdir -pmkdir -p app
assets/{css,images} components config deploy data pages
mkdir: invalid mode 'kdir'
roderick@RsLinux:~/website_ch1_lab7$ mkdir -p app assets/{css,images} components config deploy data pages
roderick@RsLinux:~/website_ch1_lab7$ ls app*.js app/api.js
app/
ls: cannot access 'app/api.js': No such file or directory
app.js

app/:
roderick@RsLinux:~/website_ch1_lab7$ ls/app*.js app/api.js
app/
bash: ls/app*.js: No such file or directory
roderick@RsLinux:~/website_ch1_lab7$ mv app*.js app/api.js
app/
mv: cannot stat 'app/api.js': No such file or directory
roderick@RsLinux:~/website_ch1_lab7$ mv app/*.js
mv: missing destination file operand after 'app/app.js'
Try 'mv --help' for more information.
roderick@RsLinux:~/website_ch1_lab7$ mv/*.js app/
bash: mv/*.js: No such file or directory
roderick@RsLinux:~/website_ch1_lab7$ mv *.js app/
roderick@RsLinux:~/website_ch1_lab7$ |
```

Terminal 2 (Right):

```
2: roderick@RsLinux: ~
roderick@RsLinux:~$ tree website_ch1_lab7/
website_ch1_lab7/
├── 404.html
├── app
│   ├── api.js
│   └── app.js
├── APP.conf
├── APP.conf.bk
├── assets
│   ├── css
│   └── images
├── backup.sh
├── build.sh
├── cart.svg
├── components
├── config
├── data
├── DB1.conf.old
├── deploy
├── deploy.sh
├── footer.html
├── footer.jpg
├── header.html
├── hero.png
├── index.html
├── item1.raw
├── item2.jpg
├── navbar.html
└── pages
```

1: roderick@RsLinux: ~/website\_ch1\_lab7

```
app/:
roderick@RsLinux:~/website_ch1_lab7$ ls/app*.js app/api.js
app/
bash: ls/app*.js: No such file or directory
roderick@RsLinux:~/website_ch1_lab7$ mv app/*.js app/api.js
app/
mv: cannot stat 'app/api.js': No such file or directory
roderick@RsLinux:~/website_ch1_lab7$ mv app/*.*
mv: missing destination file operand after 'app/app.js'
Try 'mv --help' for more information.
roderick@RsLinux:~/website_ch1_lab7$ mv /*.* app/
bash: mv/*.*: No such file or directory
roderick@RsLinux:~/website_ch1_lab7$ mv *.js app/
roderick@RsLinux:~/website_ch1_lab7$ mv *.css assets/css/
roderick@RsLinux:~/website_ch1_lab7$ mv *.svg *.jpg *.png
*.raw assets/images/
roderick@RsLinux:~/website_ch1_lab7$ mv *.html components/
roderick@RsLinux:~/website_ch1_lab7$ mv APP.conf* DB1.conf
.old config/
roderick@RsLinux:~/website_ch1_lab7$ mv backup.sh build.sh
deploy.sh deploy/
roderick@RsLinux:~/website_ch1_lab7$ mv *.json data/
roderick@RsLinux:~/website_ch1_lab7$ mv post*.html Robots.txt
pages/
mv: cannot stat 'post*.html': No such file or directory
roderick@RsLinux:~/website_ch1_lab7$ mv *[[:punct:]] data/
mv: cannot stat '*[[:punct:]]': No such file or directory
roderick@RsLinux:~/website_ch1_lab7$ |
```

2: roderick@RsLinux: ~

```
item2.jpg
components
  404.html
  footer.html
  header.html
  index.html
  navbar.html
  post1.html
  post2.html
  post3.html
  sidebar.html
config
  APP.conf
  APP.conf.bk
  DB1.conf.old
data
  posts.json
deploy
  backup.sh
  build.sh
  deploy.sh
pages
  Robots.txt
  Products.Json
  Users.JSON
```

10 directories, 29 files  
roderick@RsLinux:~\$ |

1: roderick@RsLinux: ~

```
roderick@RsLinux:~$ tree website_ch1_lab7/
website_ch1_lab7/
├── 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
    ├── 404.html
    ├── footer.html
    ├── header.html
    ├── index.html
    ├── navbar.html
    ├── post1.html
    ├── post2.html
    ├── post3.html
    └── sidebar.html
config
  └── APP.conf
  └── APP.conf.bk
```

```
1/1 + ⌂ ⌂ Tiliix: roderick@RsLinux: ~ Q ⌂ - ⌂ ×  
1: roderick@RsLinux: ~   
└── item2.jpg  
├── components  
│   ├── 404.html  
│   ├── footer.html  
│   ├── header.html  
│   ├── index.html  
│   ├── navbar.html  
│   ├── post1.html  
│   ├── post2.html  
│   └── post3.html  
└── sidebar.html  
├── config  
│   ├── APP.conf  
│   ├── APP.conf.bk  
│   └── DB1.conf.old  
├── data  
│   └── posts.json  
├── deploy  
│   ├── backup.sh  
│   ├── build.sh  
│   └── deploy.sh  
└── pages  
    ├── Robots.txt  
    ├── _Products.Json  
    └── Users.JSON  
  
10 directories, 29 files  
roderick@RsLinux:~$ |
```