

Practice 1

### The ? Wildcard | Examples

- List all the hidden files in the current working directory
  - `ls ./?.??*`
- List all the hidden files in the parent directory
  - `ls ../?.??*`
- List all the files that have 2 characters in the file name between letters b and k
  - `ls b??k*`
- List all the files that have a single character between letters f and l
  - `ls f?l*`
- List all the files with a 2 letter file extension
  - `ls *.??`

```
tdw@cis106-desktop:~$ curl -s https://cis106.com/assets/scripts/wildcardpractice.sh | bash
--2025-11-17 12:50:23-- https://cis106.com/assets/logo100x100.png
Resolving cis106.com (cis106.com)... 185.199.108.153
Connecting to cis106.com (cis106.com)[185.199.108.153]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 3520 (3.4K) [image/png]
Saving to: 'logo100x100.png'
logo100x100.png 100%[=====] 3.44K --.-KB/s in 0s

2025-11-17 12:50:28 (29.5 MB/s) - 'logo100x100.png' saved [3520/3520]

tdw@cis106-desktop:~$ ls wildcardpractice/*random*
wildcardpractice/_random.csv wildcardpractice/random_text.md wildcardpractice/randomtext.txt
tdw@cis106-desktop:~$ ls wildcardpractice/*.cvs
ls: cannot access 'wildcardpractice/*.cvs': No such file or directory
tdw@cis106-desktop:~$ ls wildcardpractice/* cvs
ls: cannot access 'cvs': No such file or directory
wildcardpractice/2020-08-27-capture.raw wildcardpractice/book.xml
wildcardpractice/2021-04-10-screenshot.jpeg wildcardpractice/fail.log
wildcardpractice/2022-02-02-camera.jpg wildcardpractice/file.log
wildcardpractice/78food.txt wildcardpractice/logo100x100.png
wildcardpractice/allfiles.lst wildcardpractice/_random.csv
wildcardpractice/allfiles.lst wildcardpractice/random_text.md
wildcardpractice/baik.exe wildcardpractice/randomtext.txt
wildcardpractice/baik.pdf wildcardpractice/sample1234.csv
wildcardpractice/baik.xml wildcardpractice/sample123.csv
wildcardpractice/beatk.exe wildcardpractice/sample1.doc
wildcardpractice/beatk.pdf wildcardpractice/sample1.xls
wildcardpractice/beatk.xml wildcardpractice/sample99.docx
wildcardpractice/bk.exe wildcardpractice/samplejsonfile.json
wildcardpractice/bk.pdf wildcardpractice/sample.pdf
wildcardpractice/bk.xml wildcardpractice/sample.pdf
wildcardpractice/book.exe wildcardpractice/samplesite.html
wildcardpractice/book.pdf

tdw@cis106-desktop:~$ ls wildcardpractice/*.txt
ls: cannot access '*.txt': No such file or directory
wildcardpractice/2020-08-27-capture.raw wildcardpractice/book.xml
```

Practice 2

### More examples with other commands

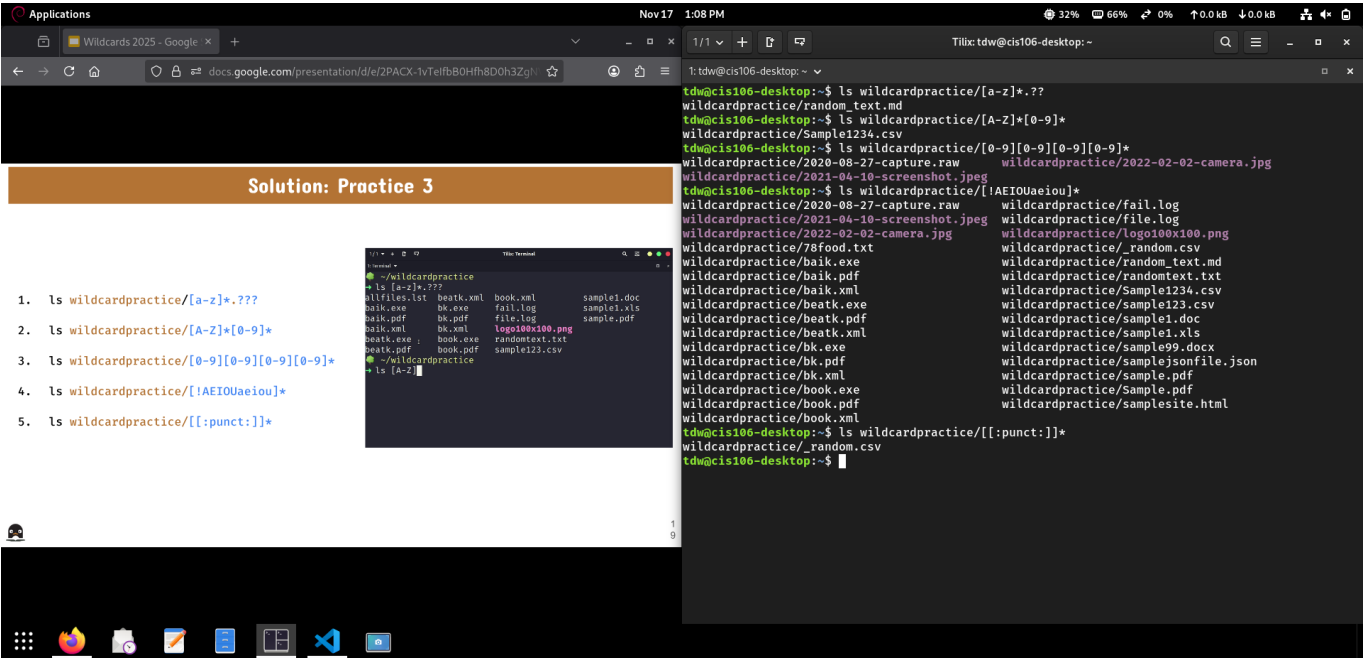
- Move all the files from one directory to another
  - `mv ~/Downloads/Nature/* ~/Pictures/wallpapers/`
- Copy specific files based solely on their file extension
  - `cp ~/Downloads/homework/*.pdf ~/Documents/*.txt ~/Projects/school/`
- Remove specific files
  - `rm ~/Downloads/demo.exe ~/Videos/*music*.avi`
- Move specific files from one directory to another
  - `mv Downloads/Movies/{*.png,*.gif} Downloads/Movies/MCU/`

```
wildcardpractice/allfiles.lst wildcardpractice/random_text.md
wildcardpractice/baik.exe wildcardpractice/randomtext.txt
wildcardpractice/baik.pdf wildcardpractice/sample1234.csv
wildcardpractice/baik.xml wildcardpractice/sample123.csv
wildcardpractice/beatk.exe wildcardpractice/sample1.doc
wildcardpractice/beatk.pdf wildcardpractice/sample1.xls
wildcardpractice/beatk.xml wildcardpractice/sample99.docx
wildcardpractice/bk.exe wildcardpractice/samplejsonfile.json
wildcardpractice/bk.pdf wildcardpractice/sample.pdf
wildcardpractice/bk.xml wildcardpractice/sample.pdf
wildcardpractice/book.exe wildcardpractice/samplesite.html
wildcardpractice/book.pdf

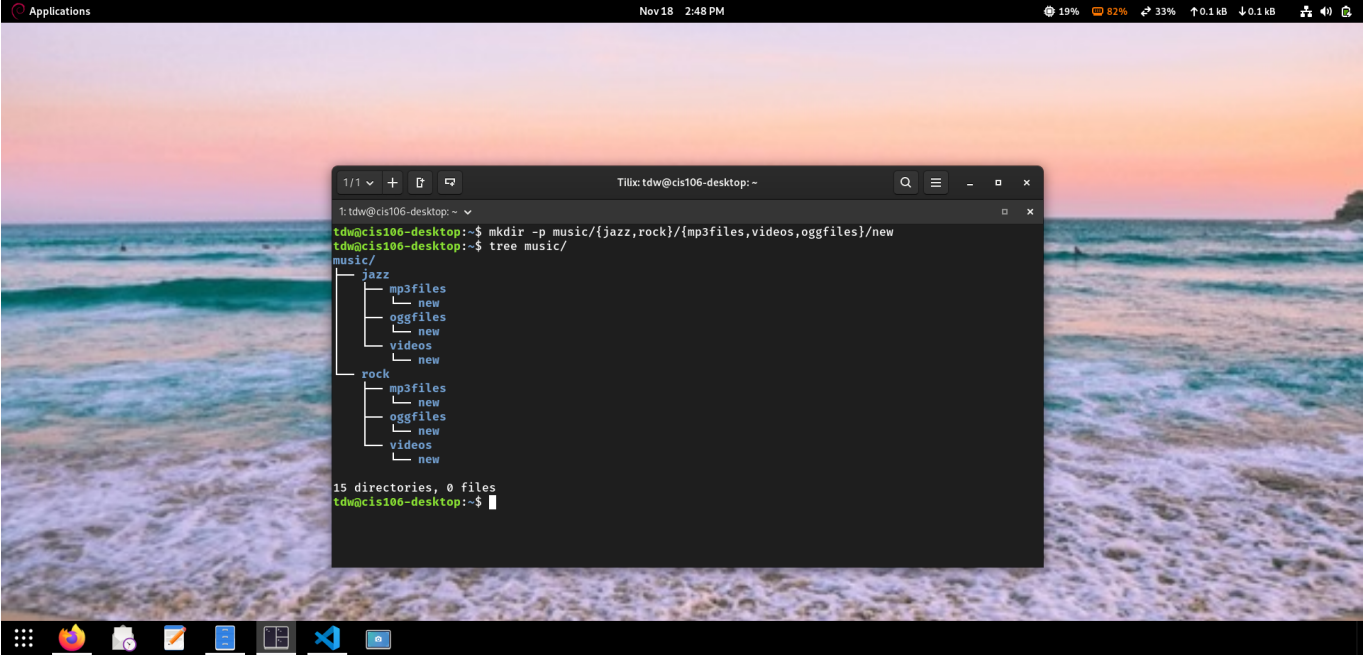
tdw@cis106-desktop:~$ ls wildcardpractice/*.txt
ls: cannot access '*.txt': No such file or directory
wildcardpractice/2020-08-27-capture.raw wildcardpractice/book.xml
wildcardpractice/2021-04-10-screenshot.jpeg wildcardpractice/fail.log
wildcardpractice/2022-02-02-camera.jpg wildcardpractice/file.log
wildcardpractice/78food.txt wildcardpractice/logo100x100.png
wildcardpractice/allfiles.lst wildcardpractice/_random.csv
wildcardpractice/allfiles.lst wildcardpractice/random_text.md
wildcardpractice/baik.exe wildcardpractice/randomtext.txt
wildcardpractice/baik.pdf wildcardpractice/sample1234.csv
wildcardpractice/baik.xml wildcardpractice/sample123.csv
wildcardpractice/beatk.exe wildcardpractice/sample1.doc
wildcardpractice/beatk.pdf wildcardpractice/sample1.xls
wildcardpractice/beatk.xml wildcardpractice/sample99.docx
wildcardpractice/bk.exe wildcardpractice/samplejsonfile.json
wildcardpractice/bk.pdf wildcardpractice/sample.pdf
wildcardpractice/bk.xml wildcardpractice/sample.pdf
wildcardpractice/book.exe wildcardpractice/samplesite.html
wildcardpractice/book.pdf

tdw@cis106-desktop:~$ ls wildcardpractice/random*
wildcardpractice/random_text.md wildcardpractice/randomtext.txt
tdw@cis106-desktop:~$ ls wildcardpractice/random*.md
ls: cannot access '*.md': No such file or directory
wildcardpractice/random_text.md wildcardpractice/randomtext.txt
tdw@cis106-desktop:~$
```

Practice 3

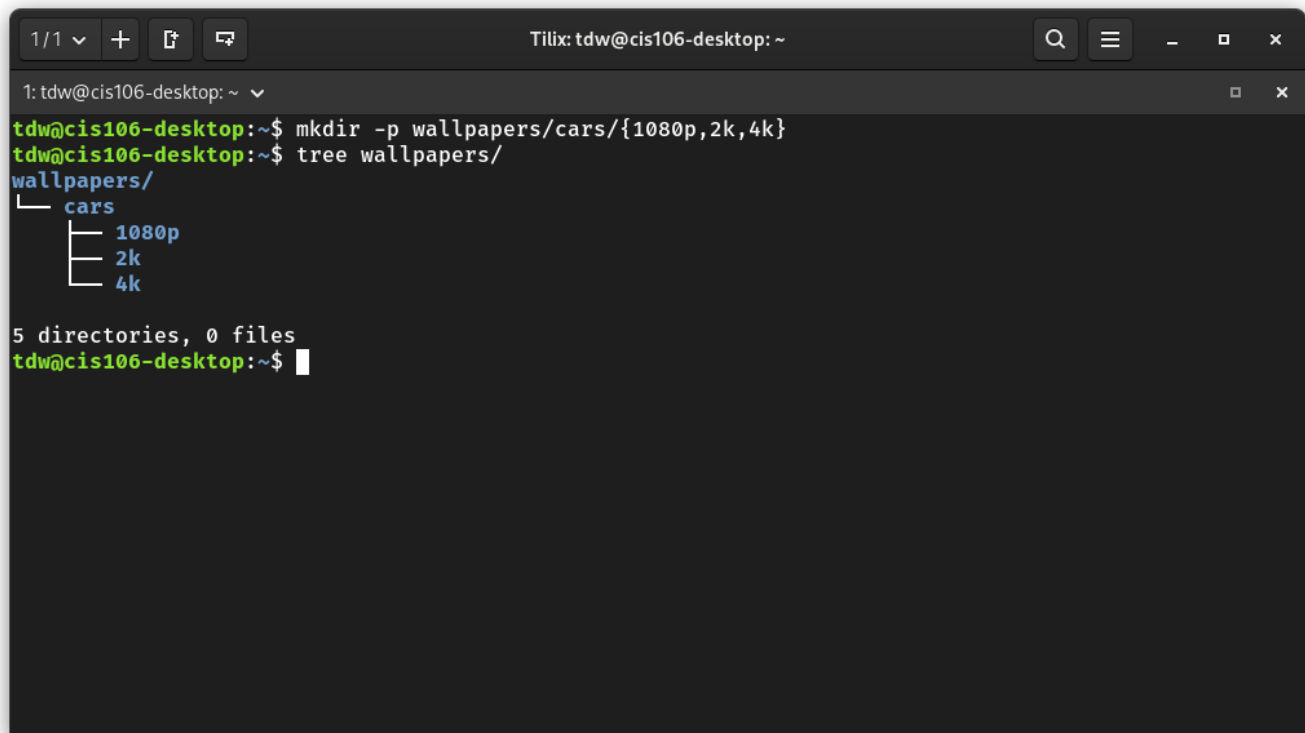


Practice 4



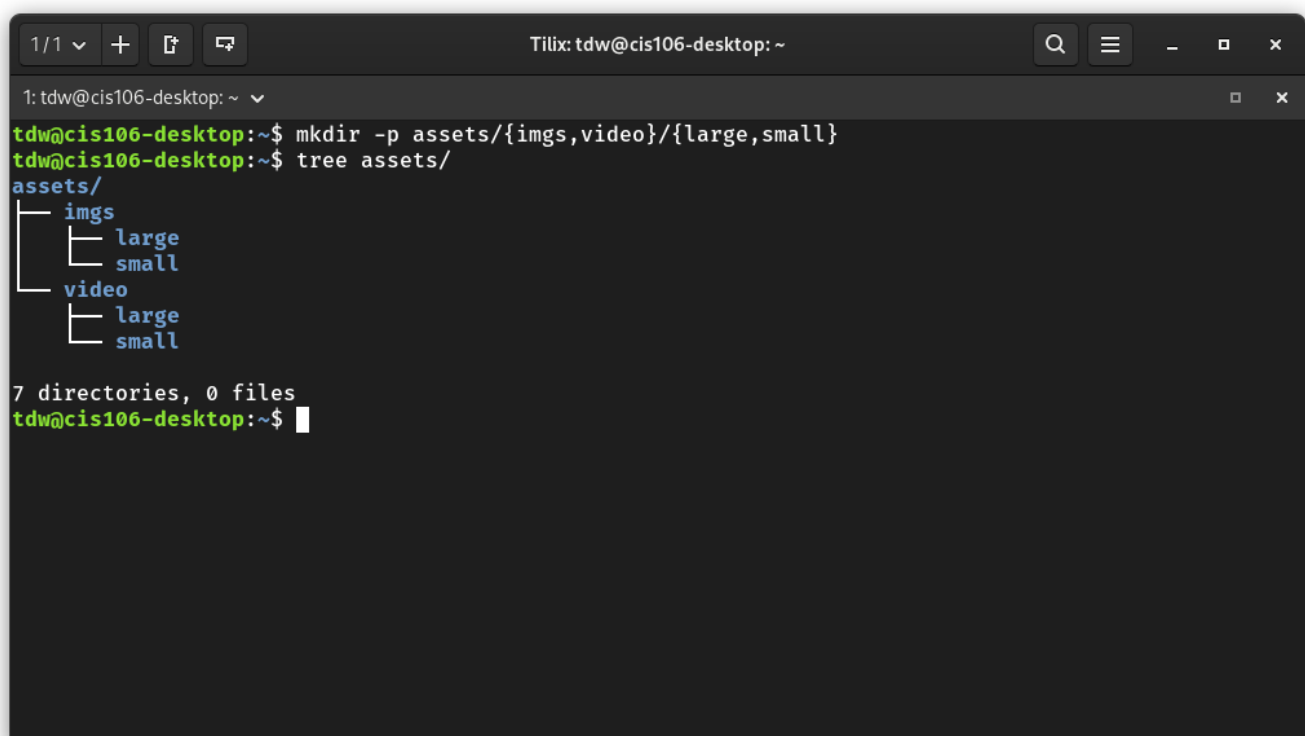
Q2

Directory 1



```
Tilix: tdw@cis106-desktop: ~  
1: tdw@cis106-desktop: ~  
tdw@cis106-desktop:~$ mkdir -p wallpapers/cars/{1080p,2k,4k}  
tdw@cis106-desktop:~$ tree wallpapers/  
wallpapers/  
├── cars  
│   ├── 1080p  
│   ├── 2k  
│   └── 4k  
  
5 directories, 0 files  
tdw@cis106-desktop:~$
```

## Directory 2



```
Tilix: tdw@cis106-desktop: ~  
1: tdw@cis106-desktop: ~  
tdw@cis106-desktop:~$ mkdir -p assets/{imgs,video}/{large,small}  
tdw@cis106-desktop:~$ tree assets/  
assets/  
├── imgs  
│   ├── large  
│   └── small  
└── video  
    ├── large  
    └── small  
  
7 directories, 0 files  
tdw@cis106-desktop:~$
```