

## Practice 1

The screenshot shows a Linux desktop environment with a terminal window and a browser window.

**Terminal Window:**

```
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/*
wildcardpractice/_random.csv    wildcardpractice/random_text.md    wildcardpractice/randomtext.txt
tdw@cis106-desktop:~$ ls wildcardpractice/*.*sv
ls: cannot access 'wildcardpractice/*.*sv': No such file or directory
tdw@cis106-desktop:~$ ls wildcardpractice/*_vs
ls: cannot access 'vs': 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              wildcardpractice/Samplesite.htm
tdw@cis106-desktop:~$ ls wildcardpractice/* .txt
ls: cannot access '.txt': No such file or directory
wildcardpractice/2020-08-27-capture.raw    wildcardpractice/book.xml
```

**Browser Window:**

docs.google.com/presentation/d/e/2PACX-1vTefbB0Hfh8D0h3Zg/

**Content Area:**

## The ? Wildcard | Examples

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

## Practice 2

The screenshot shows a Linux desktop environment with several windows open:

- Terminal Window:** The terminal window is titled "tdw@cis106-desktop:~". It displays a series of command-line operations using wildcards to manage files in a directory named "wildcardpractice".
- File Manager Window:** The file manager window is titled "Wildcards 2025 - Google". It shows a list of files and folders, including "Allfiles.lst", "baik.exe", "baik.pdf", "baik.xml", "beatk.exe", "beatk.pdf", "beatk.xml", "bk.exe", "bk.pdf", "bk.xml", "book.exe", "book.pdf", and "bk.log".
- Browser Window:** The browser window is titled "docs.google.com/presentation/d/e/2PACX-1vTeIbfB0Hfh8D0h3Zg...". It displays a presentation slide with the title "More examples with other commands".

**Terminal Content (ls command output):**

```
wildcardpractice/Allfiles.lst
wildcardpractice/baik.exe
wildcardpractice/baik.pdf
wildcardpractice/baik.xml
wildcardpractice/beatk.exe
wildcardpractice/beatk.pdf
wildcardpractice/beatk.xml
wildcardpractice/bk.exe
wildcardpractice/bk.pdf
wildcardpractice/bk.xml
wildcardpractice/book.exe
wildcardpractice/book.pdf
wildcardpractice/book.txt
tdw@cis106-desktop:~$ ls wildcardpractice/*
ls: cannot access '.txt': No such file or directory
wildcardpractice/2020-08-27-capture.raw
wildcardpractice/2021-04-10-screenshot.jpeg
wildcardpractice/2022-02-02-camera.jpg
wildcardpractice/78food.txt
wildcardpractice/allfiles.lst
wildcardpractice/Allfiles.lst
wildcardpractice/baik.exe
wildcardpractice/baik.pdf
wildcardpractice/baik.xml
wildcardpractice/beatk.exe
wildcardpractice/beatk.pdf
wildcardpractice/beatk.xml
wildcardpractice/bk.exe
wildcardpractice/bk.pdf
wildcardpractice/bk.xml
wildcardpractice/book.exe
wildcardpractice/book.pdf
wildcardpractice/book.txt
8  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

Solution: Practice 3

```
1. ls wildcardpractice/[a-z]*.???
2. ls wildcardpractice/[A-Z]*[0-9]*
3. ls wildcardpractice/[0-9][0-9][0-9][0-9]*
4. ls wildcardpractice/[!AEIOUaeiou]*
5. ls wildcardpractice/[[:punct:]]*
```

```
tdw@cis106-desktop:~$ ls wildcardpractice/[a-z]*.??
wildcardpractice/random_text.md
tdw@cis106-desktop:~$ ls wildcardpractice/[A-Z]*[0-9]*
wildcardpractice/Sample1234.csv
tdw@cis106-desktop:~$ ls wildcardpractice/[0-9][0-9][0-9][0-9]*
wildcardpractice/2020-08-27Capture.raw wildcardpractice/2022-02-02-camera.jpg
wildcardpractice/2021-04-10-screenshot.jpeg
tdw@cis106-desktop:~$ ls wildcardpractice/[!AEIOUaeiou]*
wildcardpractice/2020-08-27Capture.raw wildcardpractice/fail.log
wildcardpractice/2021-04-10-screenshot.jpeg wildcardpractice/file.log
wildcardpractice/2022-02-02-camera.jpg wildcardpractice/logo100x100.png
wildcardpractice/78food.txt wildcardpractice/_random.csv
wildcardpractice/balk.exe wildcardpractice/random_text.md
wildcardpractice/balk.pdf wildcardpractice/randomtext.txt
wildcardpractice/balk.xml wildcardpractice/Sample1234.csv
wildcardpractice/beatk.exe wildcardpractice/sample123.csv
wildcardpractice/beatk.pdf wildcardpractice/sample1.doc
wildcardpractice/beatk.xml wildcardpractice/sample1.xls
wildcardpractice/bk.exe wildcardpractice/sample99.docx
wildcardpractice/bk.pdf wildcardpractice/samplejsonfile.json
wildcardpractice/bk.xml wildcardpractice/sample.pdf
wildcardpractice/book.exe wildcardpractice/sample.pdf
wildcardpractice/book.pdf wildcardpractice/samplesite.html
wildcardpractice/book.xml
tdw@cis106-desktop:~$ ls wildcardpractice/[[:punct:]]*
wildcardpractice/_random.csv
tdw@cis106-desktop:~$
```

## Practice 4

The screenshot shows a Linux desktop environment with a terminal window titled "Tiliix: tdw@cis106-desktop: ~". The terminal output is as follows:

```
1:tdw@cis106-desktop:~ ~
tdw@cis106-desktop:~ $ mkdir -p music/{jazz,rock}/{mp3files,videos,oggfiles}/new
tdw@cis106-desktop:~ $ tree music/
music/
└── jazz
    ├── mp3files
    │   └── new
    ├── oggfiles
    │   └── new
    └── videos
        └── new
└── rock
    ├── mp3files
    │   └── new
    ├── oggfiles
    │   └── new
    └── videos
        └── new

15 directories, 0 files
tdw@cis106-desktop:~ $
```

The desktop interface includes a top bar with application icons and system status indicators, and a bottom dock with various application icons.

Q2

## Directory 1

A screenshot of a terminal window titled "Tilix: tdw@cis106-desktop: ~". The terminal shows the following command sequence and output:

```
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

A screenshot of a terminal window titled "Tilix: tdw@cis106-desktop: ~". The terminal shows the following command sequence and output:

```
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:~$
```