

Lab 7

Q1

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1/1 + 🔍 Tilix: student@portablevm: ~
1: student@portablevm: ~
student@portablevm:~$ curl https://cis106.com/assets/scripts/wildcardpractice.sh | bash
% Total    % Received % Xferd  Average Speed   Time     Time   Current
          Dload  Upload Total Spent   Left Speed
100 1012 100 1012    0     0 19187      0 --:--:-- --:--:-- 19461
--2025-11-04 08:56:49-- 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

2025-11-04 08:56:49 (33.4 MB/s) - 'logo100x100.png' saved [3520/3520]

student@portablevm:~$ ls wildcardpractice/*random*
wildcardpractice/_random.csv  wildcardpractice/random_text.md  wildcardpractice/randomtext.txt
student@portablevm:~$ ls wildcardpractice/*.csv
wildcardpractice/_random.csv  wildcardpractice/Sample1234.csv  wildcardpractice/sample123.csv
student@portablevm:~$ ls wildcardpractice/*.txt
wildcardpractice/78food.txt  wildcardpractice/randomtext.txt
student@portablevm:~$ ls wildcardpractice/random*
wildcardpractice/random_text.md  wildcardpractice/randomtext.txt
student@portablevm:~$ ls wildcardpractice/random*.md
wildcardpractice/random_text.md
student@portablevm:~$
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1/1 + 🔍 Tilix: student@portablevm: ~
1: student@portablevm: ~
student@portablevm:~$ ls wildcardpractice/.*.???
wildcardpractice/2020-08-27-capture.raw  wildcardpractice/baik.xml  wildcardpractice/book.exe  wildcardpractice/randomtext.txt
wildcardpractice/2022-02-02-camera.jpg  wildcardpractice/beatk.exe  wildcardpractice/book.pdf  wildcardpractice/Sample1234.csv
wildcardpractice/78food.txt  wildcardpractice/beatk.pdf  wildcardpractice/book.xml  wildcardpractice/sample123.csv
wildcardpractice/allfiles.lst  wildcardpractice/beatk.xml  wildcardpractice/fail.log  wildcardpractice/sample1.doc
wildcardpractice/Allfiles.lst  wildcardpractice/bk.exe  wildcardpractice/file.log  wildcardpractice/sample1.xls
wildcardpractice/baik.exe  wildcardpractice/bk.pdf  wildcardpractice/_random.csv  wildcardpractice/sample.pdf
wildcardpractice/baik.pdf  wildcardpractice/bk.xml  wildcardpractice/Book  wildcardpractice/Book.pdf
student@portablevm:~$ ls wildcardpractice/??*.*?
wildcardpractice/.bash_history  wildcardpractice/.hidden1.py  wildcardpractice/.hidden2.py  wildcardpractice/RandomText.txt
wildcardpractice/.hidden1.doc  wildcardpractice/.hidden2.doc  wildcardpractice/.hiddenFile.txt
student@portablevm:~$ ls wildcardpractice/b?**.???
wildcardpractice/baik.exe  wildcardpractice/baik.xml  wildcardpractice/beatk.pdf  wildcardpractice/book.exe  wildcardpractice/book.xml
wildcardpractice/baik.pdf  wildcardpractice/beatk.exe  wildcardpractice/beatk.xml  wildcardpractice/book.pdf
student@portablevm:~$ ls wildcardpractice/sample?.*
wildcardpractice/sample1.doc  wildcardpractice/sample1.xls
student@portablevm:~$ ls wildcardpractice/..?*.*?
\wildcardpractice/.hidden1.py  wildcardpractice/.hidden2.py
student@portablevm:~$
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1: student@portablevm: ~   
student@portablevm:~$ ls wildcardpractice/[a-z]*.???  
wildcardpractice/allfiles.lst wildcardpractice/beatk.xml wildcardpractice/book.xml  
wildcardpractice/baik.exe wildcardpractice/bk.exe wildcardpractice/fail.log  
wildcardpractice/baik.pdf wildcardpractice/bk.pdf wildcardpractice/file.log  
wildcardpractice/baik.xml wildcardpractice/bk.xml wildcardpractice/logo100x100.png  
wildcardpractice/beatk.exe wildcardpractice/book.exe wildcardpractice/randomtext.txt  
wildcardpractice/beatk.pdf wildcardpractice/book.pdf wildcardpractice/sample123.csv  
student@portablevm:~$ ls wildcardpractice/[A-Z]*[0-9]*  
wildcardpractice/Sample1234.csv  
student@portablevm:~$ ls wildcardpractice/[0-9][0-9][0-9]*  
wildcardpractice/2020-08-27-capture.raw wildcardpractice/2021-04-10-screenshot.jpeg wildcardpractice/2022-02-02-camera.jpg  
student@portablevm:~$ ls wildcardpractice/[!AEIOUaeiou]*  
wildcardpractice/2020-08-27-capture.raw wildcardpractice/bk.pdf wildcardpractice/Sample1234.csv  
wildcardpractice/2021-04-10-screenshot.jpeg wildcardpractice/bk.xml wildcardpractice/sample123.csv  
wildcardpractice/2022-02-02-camera.jpg wildcardpractice/book.exe wildcardpractice/sample1.doc  
wildcardpractice/78food.txt wildcardpractice/book.pdf wildcardpractice/sample1.xls  
wildcardpractice/baik.exe wildcardpractice/book.xml wildcardpractice/sample99.docx  
wildcardpractice/baik.pdf wildcardpractice/fail.log wildcardpractice/samplejsonfile.json  
wildcardpractice/baik.xml wildcardpractice/file.log wildcardpractice/sample.pdf  
wildcardpractice/beatk.exe wildcardpractice/logo100x100.png wildcardpractice/Sample.pdf  
wildcardpractice/beatk.pdf wildcardpractice/_random.csv wildcardpractice/random_text.md  
wildcardpractice/beatk.xml wildcardpractice/randomtext.txt wildcardpractice/samplesite.html  
wildcardpractice/bk.exe  
student@portablevm:~$ ls wildcardpractice/[:punct:]*  
wildcardpractice/_random.csv  
student@portablevm:~$
```

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1/1 + ⌂ ⌂ Tilix: student@portablevm: ~ Q ⌂ - ⌂ ×  
1: student@portablevm: ~   
student@portablevm:~$ mkdir -pv music/{jazz,rock}/{mp3files,videos,oggfiles}/new  
mkdir: created directory 'music'  
mkdir: created directory 'music/jazz'  
mkdir: created directory 'music/jazz/mp3files'  
mkdir: created directory 'music/jazz/mp3files/new'  
mkdir: created directory 'music/jazz/videos'  
mkdir: created directory 'music/jazz/videos/new'  
mkdir: created directory 'music/jazz/oggfiles'  
mkdir: created directory 'music/jazz/oggfiles/new'  
mkdir: created directory 'music/rock'  
mkdir: created directory 'music/rock/mp3files'  
mkdir: created directory 'music/rock/mp3files/new'  
mkdir: created directory 'music/rock/videos'  
mkdir: created directory 'music/rock/videos/new'  
mkdir: created directory 'music/rock/oggfiles'  
mkdir: created directory 'music/rock/oggfiles/new'  
student@portablevm:~$
```

Q2

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1/1 ▾ + ⌂ ⌂ Tilix: student@portablevm: ~
1: student@portablevm: ~ ▾
└── new
    ├── ogg
    │   └── new
    └── videos
        └── new
├── Music
├── Pictures
├── Public
└── scripts
    ├── challenge_lab4.sh
    ├── example.sh
    ├── lab4-script1.sh
    ├── lab4-script2.sh
    ├── lab4-script3.sh
    ├── script_env_var.sh
    ├── script_usr_var.sh
    └── untitled
├── Templates
├── UsersExport.csv
└── UsersExport.tsv
└── Videos
62 directories, 146 files
student@portablevm:~$
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Q3

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Nov 12 12:15 PM ⓘ
Tilix: student@portablevm: ~
1: student@portablevm: ~ ▾
student@portablevm:~$ tree -a
.
├── 404.html
├── api.js
├── APP.conf
├── APP.conf.bk
├── app.js
├── backup.sh
├── build.shn
├── cart.svg
├── DB1.conf.old
├── deploy.sh
├── footer.html
├── footer.jpg
├── header.html
├── 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
student@portablevm:~/website_ch1_lab7$ []
3: student@portablevm:~/website_ch1_lab7$ 
Robots.txt
student@portablevm:~/website_ch1_lab7$ ls -1X [!_]*.???
footer.jpg
item2.jpg
DB1.conf.old
hero.png
item1.raw
cart.svg
Robots.txt
student@portablevm:~/website_ch1_lab7$ ls -1X [!_A-Z]*.???
footer.jpg
item2.jpg
hero.png
item1.raw
cart.svg
student@portablevm:~/website_ch1_lab7$
```