
Name: Wael Homsî Course: CIS-106 Semester: Fall 23

Week Report 6

Certainly! Here are the shortened examples for a Markdown file:

* Wildcard:

Example: `file*.txt` (Matches: `file1.txt`, `file2.txt`, `file123.txt`, etc.)

Example: `*.jpg` (Matches: `image.jpg`, `photo.jpg`, `background.jpg`, etc.)

Example: `data` (Matches: `userdata.txt`, `datafile.csv`, `bigdata_analysis.xlsx`, etc.)

? Wildcard:

Example: `image?.png` (Matches: `image1.png`, `imageA.png`, but not `image12.png` or `imageXY.png`)

Example: `file?.txt` (Matches: `file1.txt`, `fileA.txt`, but not `file12.txt` or `fileXYZ.txt`)

Example: `doc-?.docx` (Matches: `doc-1.docx`, `doc-A.docx`, but not `doc-12.docx` or `doc-XYZ.docx`)

[] Wildcard:

Example: `file[123].txt` (Matches: `file1.txt`, `file2.txt`, `file3.txt`, but not `file4.txt` or `fileA.txt`)

Example: `data[0-9].csv` (Matches: `data1.csv`, `data2.csv`, ..., `data9.csv`, but not `data10.csv` or `dataA.csv`)

Example: `image[AB].png` (Matches: `imageA.png`, `imageB.png`, but not `imageC.png` or `image123.png`)

Brace expansion

Brace expansion is a feature available in some command shells (like Bash) that allows you to generate arbitrary strings by specifying a range or a list of values enclosed in curly braces `{}`. Here are three examples of how to use brace expansion:

Example 1 - Range:

Command: `echo file{1..3}.txt`

Result: Outputs file1.txt file2.txt file3.txt

Example 2 - List:

Command: echo {apple,orange,banana}_pie

Result: Outputs apple_pie orange_pie banana_pie

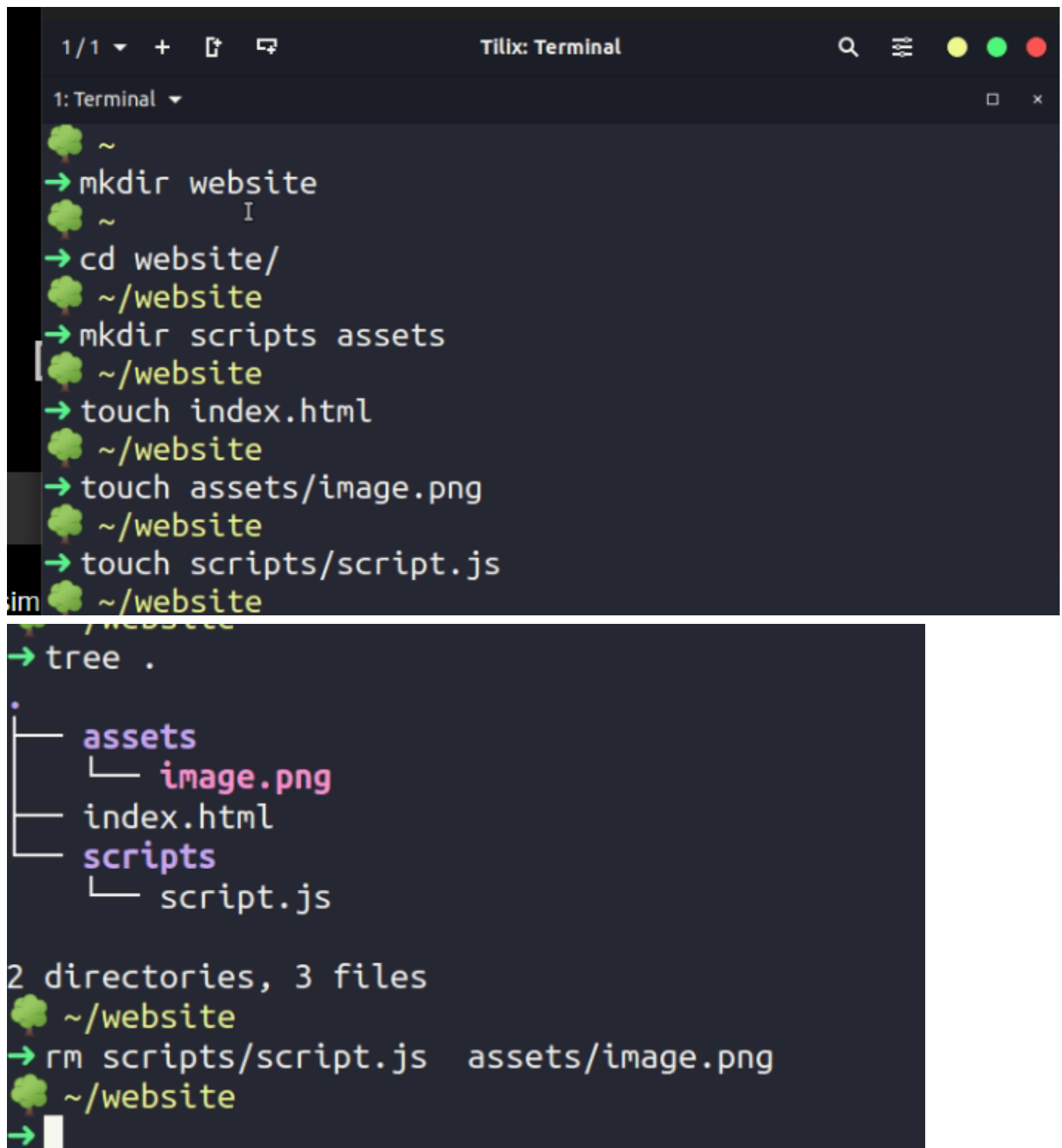
Example 3 - Combination:

Command: mkdir {2019..2021}/{Jan,Feb,Mar}-reports

Result: Creates directories for yearly reports from 2019 to 2021, each containing monthly reports for January, February, and March.

Practice

Practice 1



```
1/1 + [ ] [ ] Tilix: Terminal
1: Terminal ▾
~
→ mkdir website
~
→ cd website/
~/website
→ mkdir scripts assets
~/website
→ touch index.html
~/website
→ touch assets/image.png
~/website
→ touch scripts/script.js
~/website
im → tree .
.
├── assets
│   └── image.png
├── index.html
└── scripts
    └── script.js

2 directories, 3 files
~/website
→ rm scripts/script.js assets/image.png
~/website
→
```

Practice 2

```
1: Terminal ▾  
~  
→ cd /usr/share/  
/usr/share  
→ mkdir ~/website  
/usr/share  
→ mkdir -p ~/website/assets/images/small  
/usr/share  
→ touch ~/website/assets/images/small/logo.png  
/usr/share  
→ rm ~/website/assets/images/small/logo.png  
/usr/share  
→ rm -r ~/website/  
/usr/share  
→
```

Practice 3

```
1: Terminal ▾
~
→ mkdir -p website/assets
~
→ curl https://cis106.com/assets/samplesite.txt -o ~/website/index.html
  % Total    % Received % Xferd  Average Speed   Time    Time
  Time      Current                      Dload  Upload  Total  Spent
  Left  Speed
  0     0    0     0    0     0      0      0  --:--:--  --:--:-- 
  0     0    0     0    0     0      0      0  --:--:--  --:--:-- 
100   371  100   371    0     0  2688      0  --:--:--  --:--:-- 
--:--:--  2669
~
→
→ mv Downloads/pexels-
pexels-photo-11319741.jpeg      pexels-tom-verdoot-3181458.jpg
pexels-photo-7784599.jpeg
~
→ mv Downloads/pexels-photo-11319741.jpeg website/assets/
~
→ mv Downloads/pexels-photo-7784599.jpeg website/assets/
~
→ mv website/assets/pexels-photo-11319741.jpeg website/assets/image.png
~
→ mv website/assets/pexels-photo-7784599.jpeg website/assets/image2.png
~
→
→ xdg-open website/index.html
~
→ Opening in existing browser session.
[86426:86426:0100/000000.425720:ERROR:sandbox_linux.cc(377)] InitializeS
andbox() called with multiple threads in process gpu-process.
```