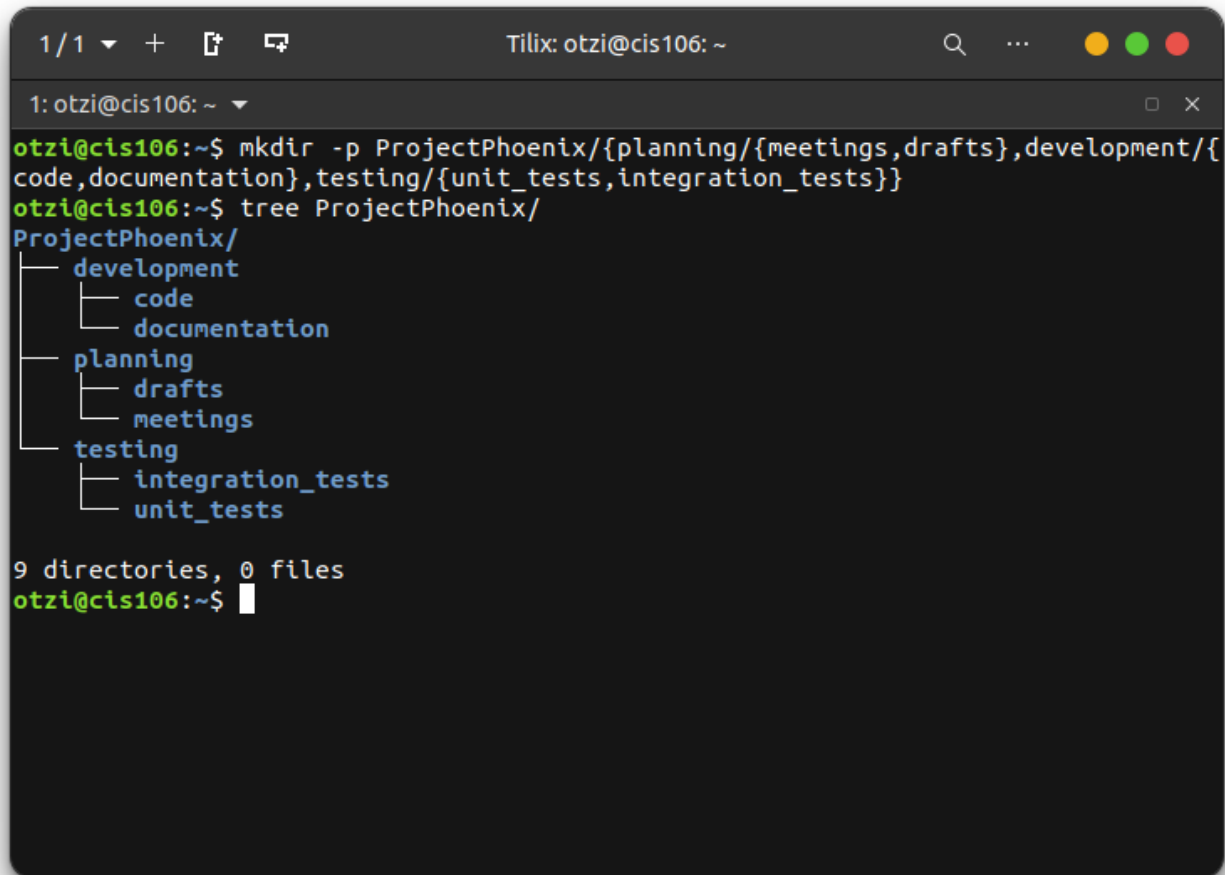


Extra Credit 5: Managing Files/Directories

Practice 1



```
1/1 + [ ] [ ] Tilix: otzi@cis106: ~
1: otzi@cis106: ~
otzi@cis106:~$ mkdir -p ProjectPhoenix/{planning/{meetings,drafts},development/{
code,documentation},testing/{unit_tests,integration_tests}}
otzi@cis106:~$ tree ProjectPhoenix/
ProjectPhoenix/
├── development
│   ├── code
│   └── documentation
├── planning
│   ├── drafts
│   └── meetings
└── testing
    ├── integration_tests
    └── unit_tests

9 directories, 0 files
otzi@cis106:~$
```

Practice 2

```
1/1 + ↗ 🔍
Tilix: otzi@cis106: ~
1: otzi@cis106: ~
otzi@cis106:~$ touch ProjectPhoenix/{planning/{meetings/schedule.docx,drafts/notes.md},development/{code/{app.js,index.html,styles.css},documentation/readme.md},testing/{unit_tests/test.js,integration_tests/instructions.md}}
otzi@cis106:~$ tree ProjectPhoenix/
ProjectPhoenix/
├── development
│   ├── code
│   │   ├── app.js
│   │   ├── index.html
│   │   └── styles.css
│   └── documentation
│       └── readme.md
├── planning
│   ├── drafts
│   │   └── notes.md
│   └── meetings
│       └── schedule.docx
└── testing
    ├── integration_tests
    │   └── instructions.md
    ├── unit_tests
    │   └── test.js
    └── 
```

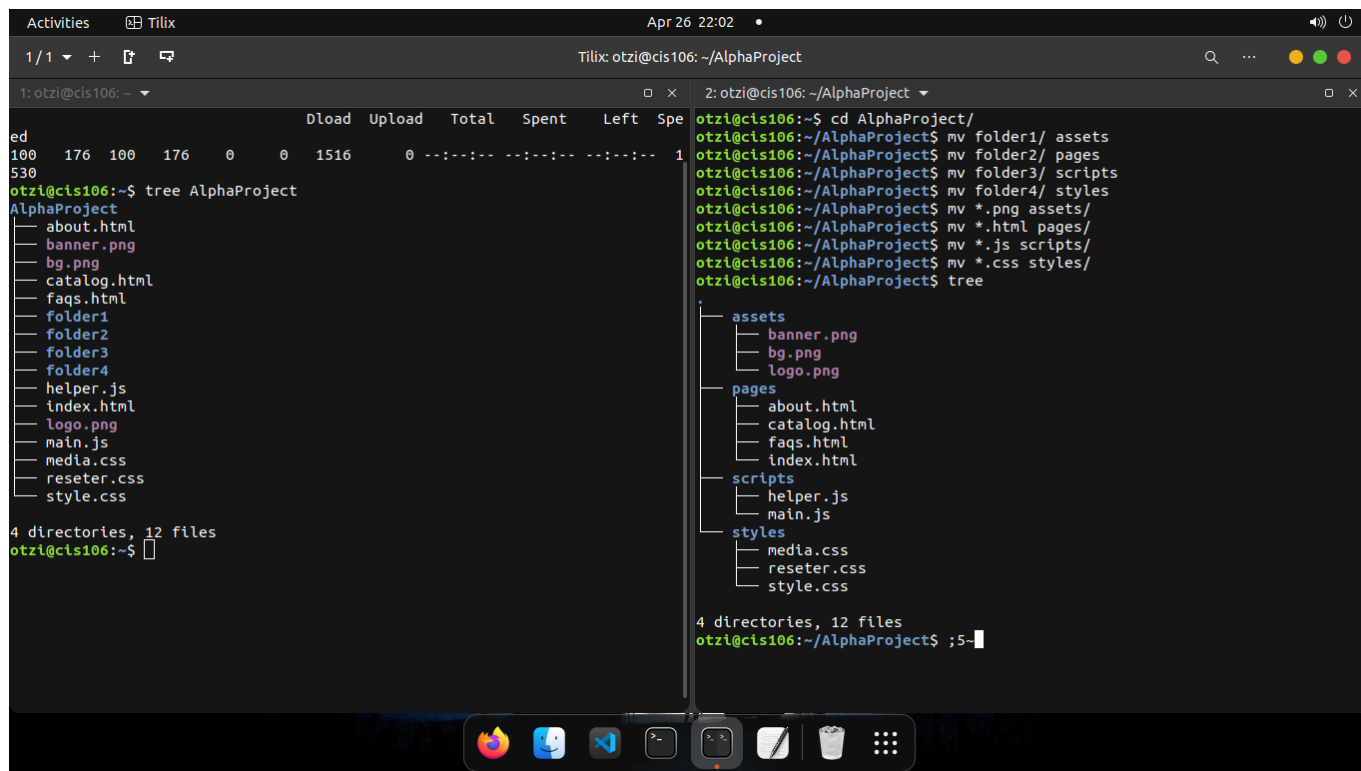
Practice 3

```

1/1 ▾ + ↗ 🔊
Tilix: otzi@cis106: ~
1: otzi@cis106: ~ ▾
otzi@cis106:~$ curl https://cis106.com/assets/extras/rm_practice.sh | bash
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100 261 100    261    0     0  2602      0 --:--:-- --:--:-- --:--:-- 2584
otzi@cis106:~$ rm -r /home/otzi/OutdatedProjects/
otzi@cis106:~$ ls
challenge-Lab6  Documents  music      practice2.sh  ProjectPhoenix  snap      Templates  Videos  WhiteSur-gtk-theme
cis106          Downloads  Music      practice3.sh  Public          systeminfo2.sh test_env.sh website  wildcardpractice
Desktop         lab6      Pictures   practice4.sh  scripts         systeminfo.sh thinclient_drives website-lab5
otzi@cis106:~$ 

```

Practice 4



The screenshot shows a terminal window with two panes. The left pane shows the initial state of the 'AlphaProject' directory, listing files like 'about.html', 'banner.png', 'bg.png', 'catalog.html', 'faq.html', 'folder1' through 'folder4', 'helper.js', 'index.html', 'logo.png', 'main.js', 'media.css', 'reseter.css', and 'style.css'. The right pane shows the result of moving these files into subdirectories: 'assets' (for images), 'pages' (for HTML files), 'scripts' (for JS files), and 'styles' (for CSS files). The terminal output includes commands like 'cd AlphaProject/', 'mv folder1/ assets', 'mv folder2/ pages', 'mv folder3/ scripts', 'mv folder4/ styles', and 'tree' to verify the structure.

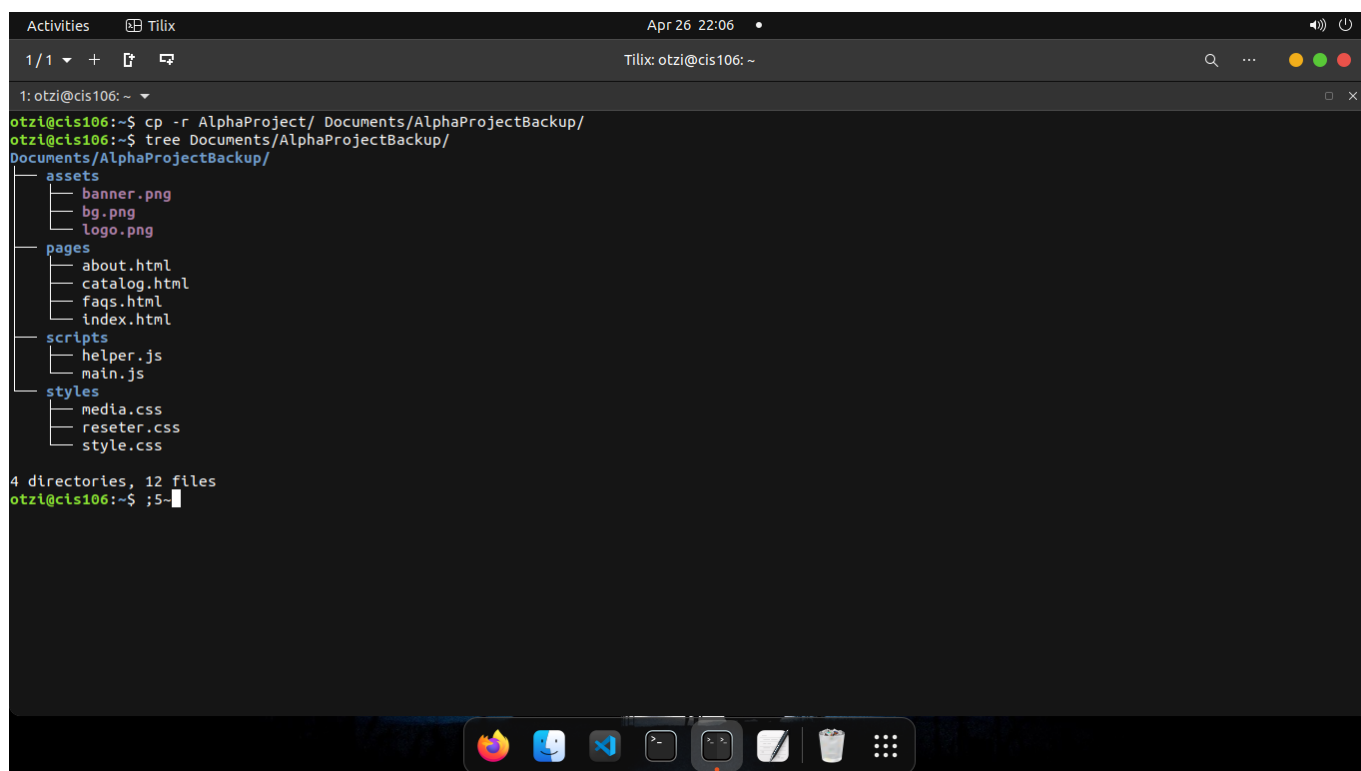
```
ed
100 176 100 176 0 0 1516 0 --:--:-- --:--:-- --:--:-- 1
530
otzi@cis106:~$ tree AlphaProject
AlphaProject
├── about.html
├── banner.png
├── bg.png
├── catalog.html
├── faqs.html
├── folder1
├── folder2
├── folder3
├── folder4
├── helper.js
├── index.html
├── logo.png
├── main.js
├── media.css
├── reseter.css
└── style.css

4 directories, 12 files
otzi@cis106:~$

otzi@cis106:~/AlphaProject$ cd AlphaProject/
otzi@cis106:~/AlphaProject$ mv folder1/ assets
otzi@cis106:~/AlphaProject$ mv folder2/ pages
otzi@cis106:~/AlphaProject$ mv folder3/ scripts
otzi@cis106:~/AlphaProject$ mv folder4/ styles
otzi@cis106:~/AlphaProject$ mv *.png assets/
otzi@cis106:~/AlphaProject$ mv *.html pages/
otzi@cis106:~/AlphaProject$ mv *.js scripts/
otzi@cis106:~/AlphaProject$ mv *.css styles/
otzi@cis106:~/AlphaProject$ tree
.
├── assets
│   ├── banner.png
│   ├── bg.png
│   └── logo.png
├── pages
│   ├── about.html
│   ├── catalog.html
│   ├── faqs.html
│   └── index.html
├── scripts
│   ├── helper.js
│   └── main.js
└── styles
    ├── media.css
    ├── reseter.css
    └── style.css

4 directories, 12 files
otzi@cis106:~/AlphaProject$ ;5-
```

Practice 5



The screenshot shows a terminal window where the 'AlphaProject' directory is being backed up to 'Documents/AlphaProjectBackup/'. The terminal output shows the command 'cp -r AlphaProject/ Documents/AlphaProjectBackup/' and the resulting directory tree in the backup location, which matches the structure shown in the previous screenshot.

```
otzi@cis106:~$ cp -r AlphaProject/ Documents/AlphaProjectBackup/
otzi@cis106:~$ tree Documents/AlphaProjectBackup/
Documents/AlphaProjectBackup/
├── assets
│   ├── banner.png
│   ├── bg.png
│   └── logo.png
├── pages
│   ├── about.html
│   ├── catalog.html
│   ├── faqs.html
│   └── index.html
├── scripts
│   ├── helper.js
│   └── main.js
└── styles
    ├── media.css
    ├── reseter.css
    └── style.css

4 directories, 12 files
otzi@cis106:~$ ;5-
```