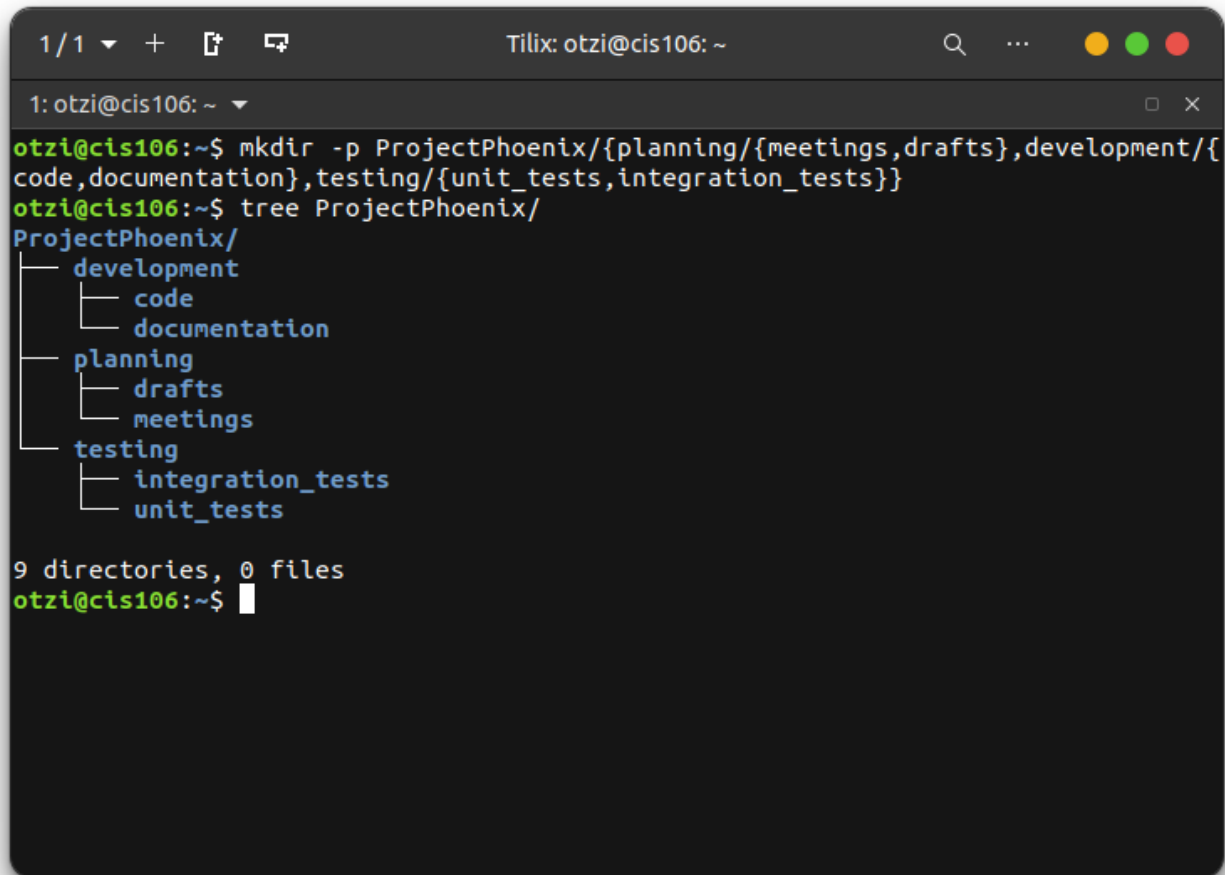


Extra Credit 5

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:~$
```

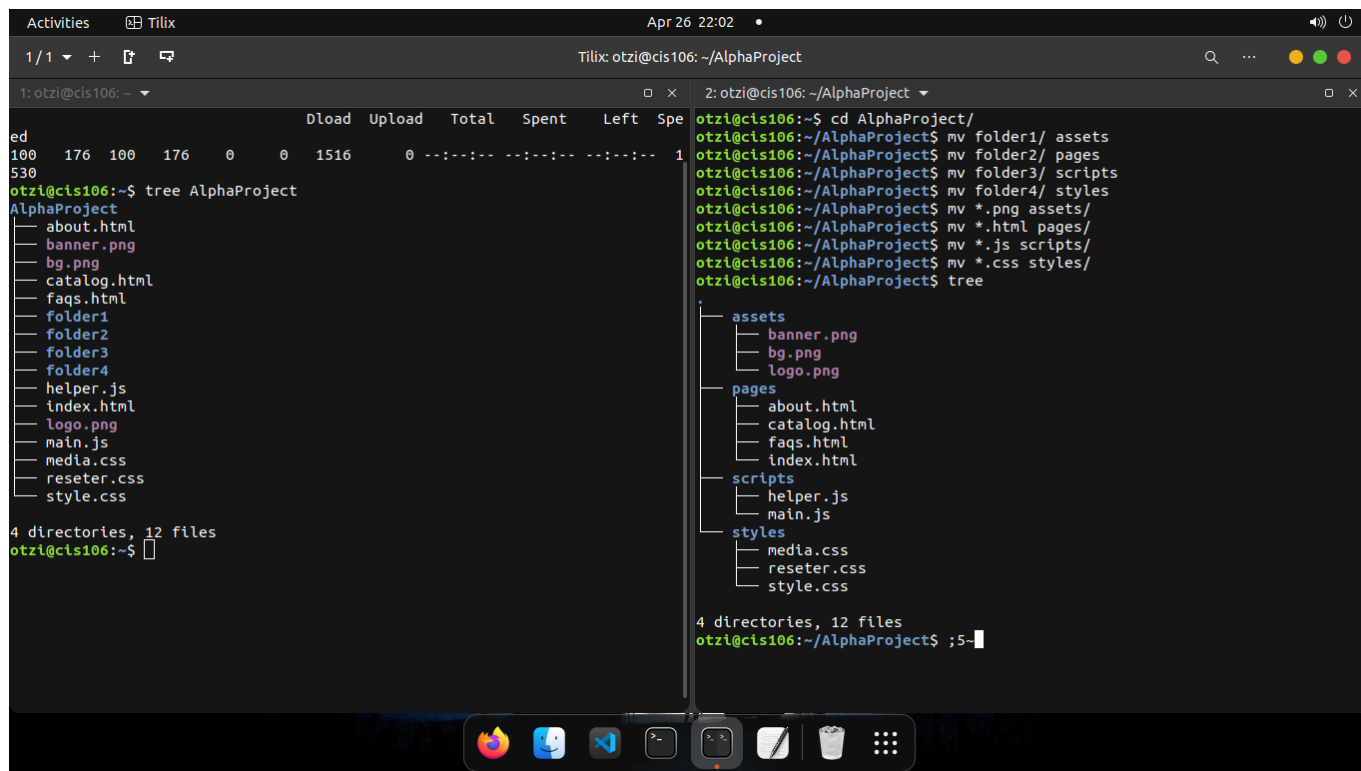
Practice 2

```
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', 'folder2', 'folder3', 'folder4', 'helper.js', 'index.html', 'logo.png', 'main.js', 'media.css', 'reseter.css', and 'style.css'. The right pane shows the process of moving these files into subdirectories: 'assets' (for images), 'pages' (for HTML files), 'scripts' (for JavaScript files), and 'styles' (for CSS files). The final state shows a structured directory layout with 4 directories and 12 files.

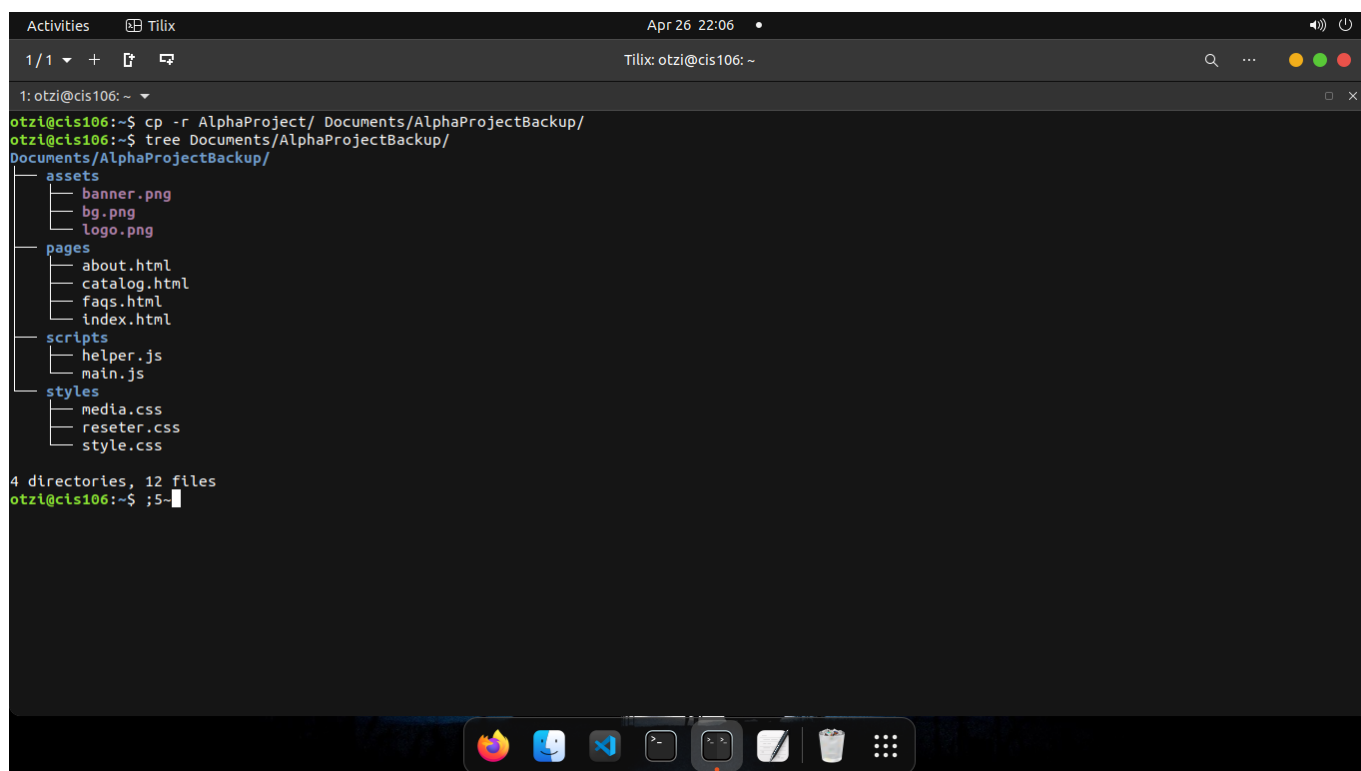
```
ed
100 176 100 176 0 0 1516 0 --:--:-- --:--:-- --:--:-- 1
530
otzi@cis106:~$ tree AlphaProject
AlphaProject
├── about.html
├── banner.png
├── bg.png
├── catalog.html
├── faqs.html
├── folder1
├── folder2
├── folder3
├── folder4
├── helper.js
├── index.html
├── logo.png
├── main.js
├── media.css
├── 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 'tree' command is used to show the structure of the backup directory, which mirrors the organized structure of 'AlphaProject' with subdirectories for assets, pages, scripts, and styles.

```
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-
```