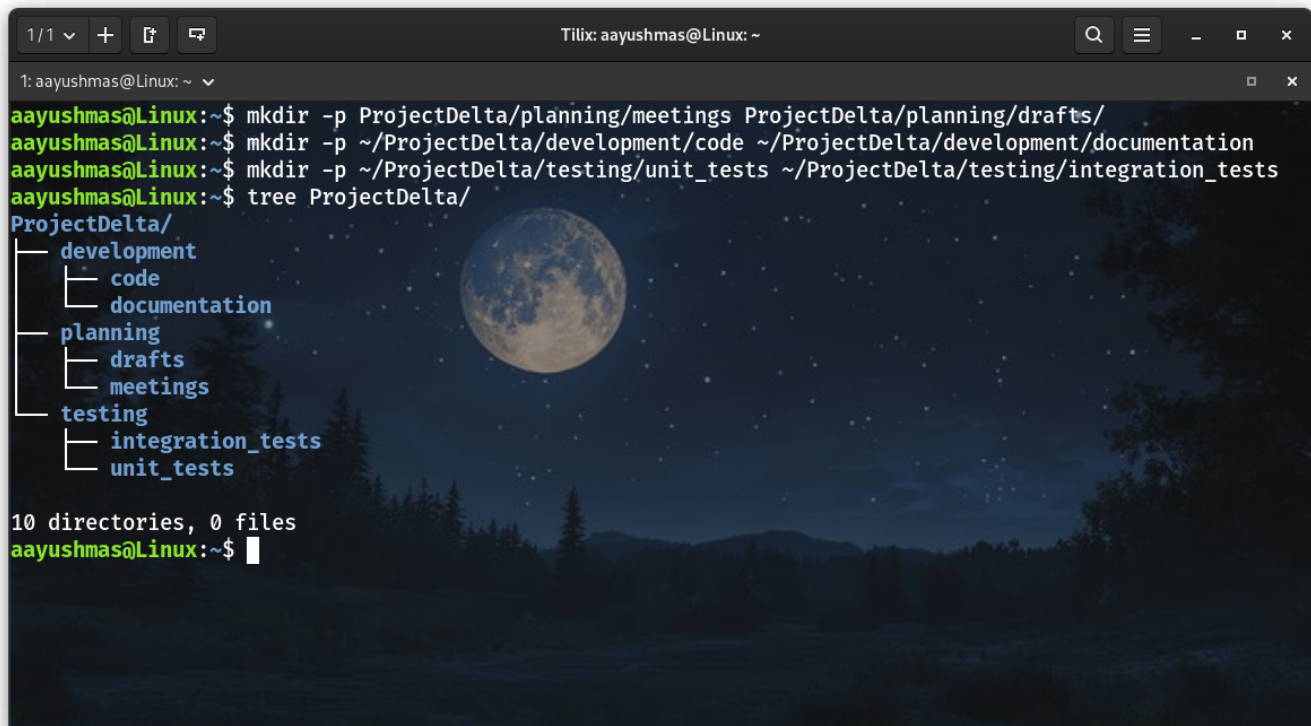


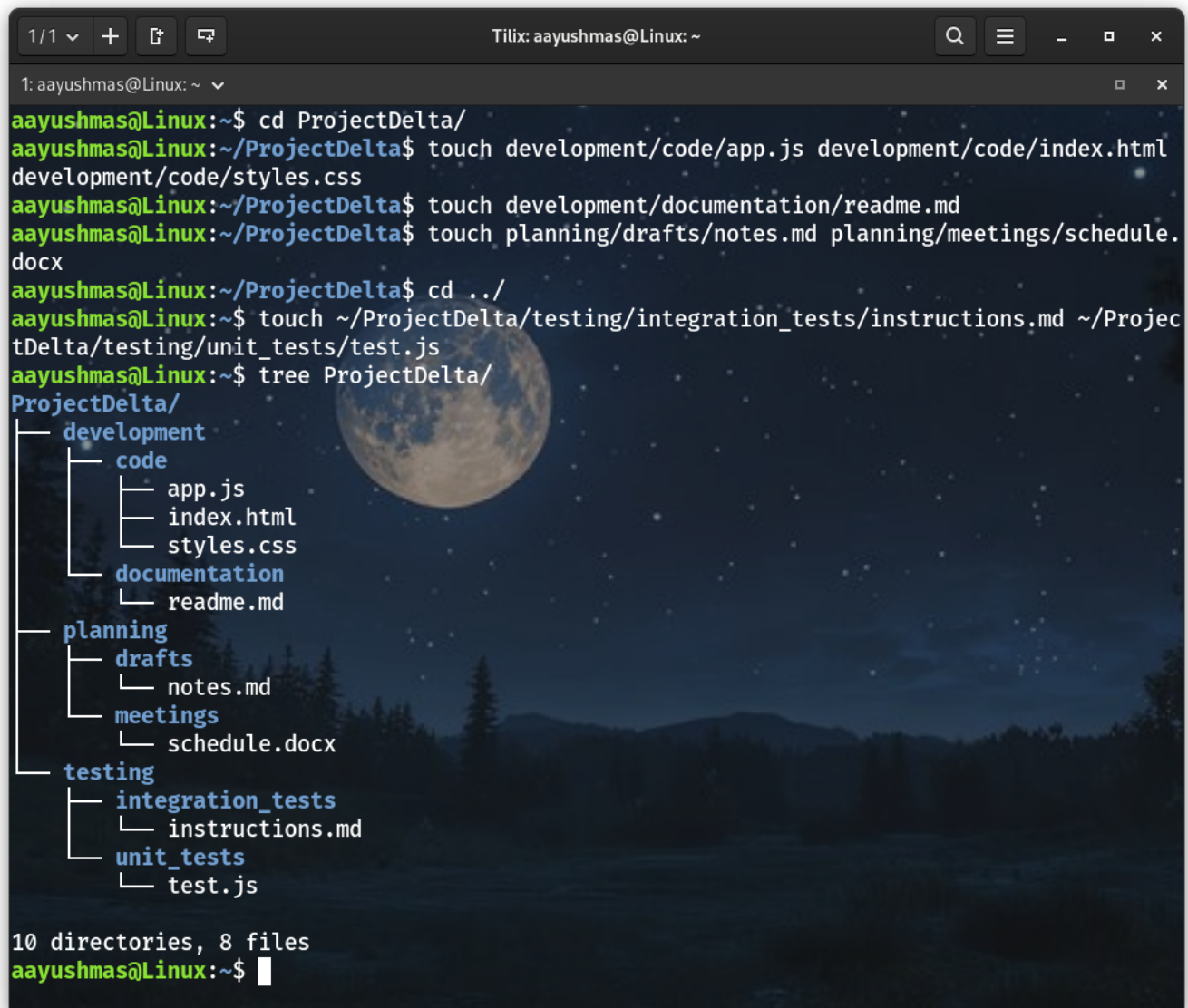
Extra Credit 5: Managing Files/Directories

MKDIR Practice

A terminal window titled 'Tilix: aayushmas@Linux: ~' with a dark theme and a background image of a night sky with a full moon and trees. The terminal shows the following commands and output:

```
1: aayushmas@Linux: ~  
aayushmas@Linux:~$ mkdir -p ProjectDelta/planning/meetings ProjectDelta/planning/drafts/  
aayushmas@Linux:~$ mkdir -p ~/ProjectDelta/development/code ~/ProjectDelta/development/documentation  
aayushmas@Linux:~$ mkdir -p ~/ProjectDelta/testing/unit_tests ~/ProjectDelta/testing/integration_tests  
aayushmas@Linux:~$ tree ProjectDelta/  
ProjectDelta/  
├── development  
│   ├── code  
│   └── documentation  
├── planning  
│   ├── drafts  
│   └── meetings  
└── testing  
    ├── integration_tests  
    └── unit_tests  
  
10 directories, 0 files  
aayushmas@Linux:~$
```

Touch Practice

A terminal window titled 'Tilix: aayushmas@Linux: ~' with a dark theme and a background image of a night landscape with a full moon and trees. The terminal shows a series of commands to create a project structure. First, the user navigates to the 'ProjectDelta' directory. Then, they use the 'touch' command to create files: 'app.js', 'index.html', and 'styles.css' in the 'development/code' directory; 'readme.md' in the 'development/documentation' directory; 'notes.md' in the 'planning/drafts' directory; 'schedule.docx' in the 'planning/meetings' directory; 'instructions.md' in the 'testing/integration_tests' directory; and 'test.js' in the 'testing/unit_tests' directory. Finally, the user runs the 'tree' command to display the directory structure. The output shows a tree with three main branches: 'development', 'planning', and 'testing'. 'development' contains 'code' (with 'app.js', 'index.html', 'styles.css') and 'documentation' (with 'readme.md'). 'planning' contains 'drafts' (with 'notes.md') and 'meetings' (with 'schedule.docx'). 'testing' contains 'integration_tests' (with 'instructions.md') and 'unit_tests' (with 'test.js'). The summary at the bottom states '10 directories, 8 files'.

```
1/1 v + [ ] [ ]
Tilix: aayushmas@Linux: ~
1: aayushmas@Linux: ~ v
aayushmas@Linux:~$ cd ProjectDelta/
aayushmas@Linux:~/ProjectDelta$ touch development/code/app.js development/code/index.html
development/code/styles.css
aayushmas@Linux:~/ProjectDelta$ touch development/documentation/readme.md
aayushmas@Linux:~/ProjectDelta$ touch planning/drafts/notes.md planning/meetings/schedule.
docx
aayushmas@Linux:~/ProjectDelta$ cd ../
aayushmas@Linux:~$ touch ~/ProjectDelta/testing/integration_tests/instructions.md ~/Projec
tDelta/testing/unit_tests/test.js
aayushmas@Linux:~$ tree ProjectDelta/
ProjectDelta/
├── 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

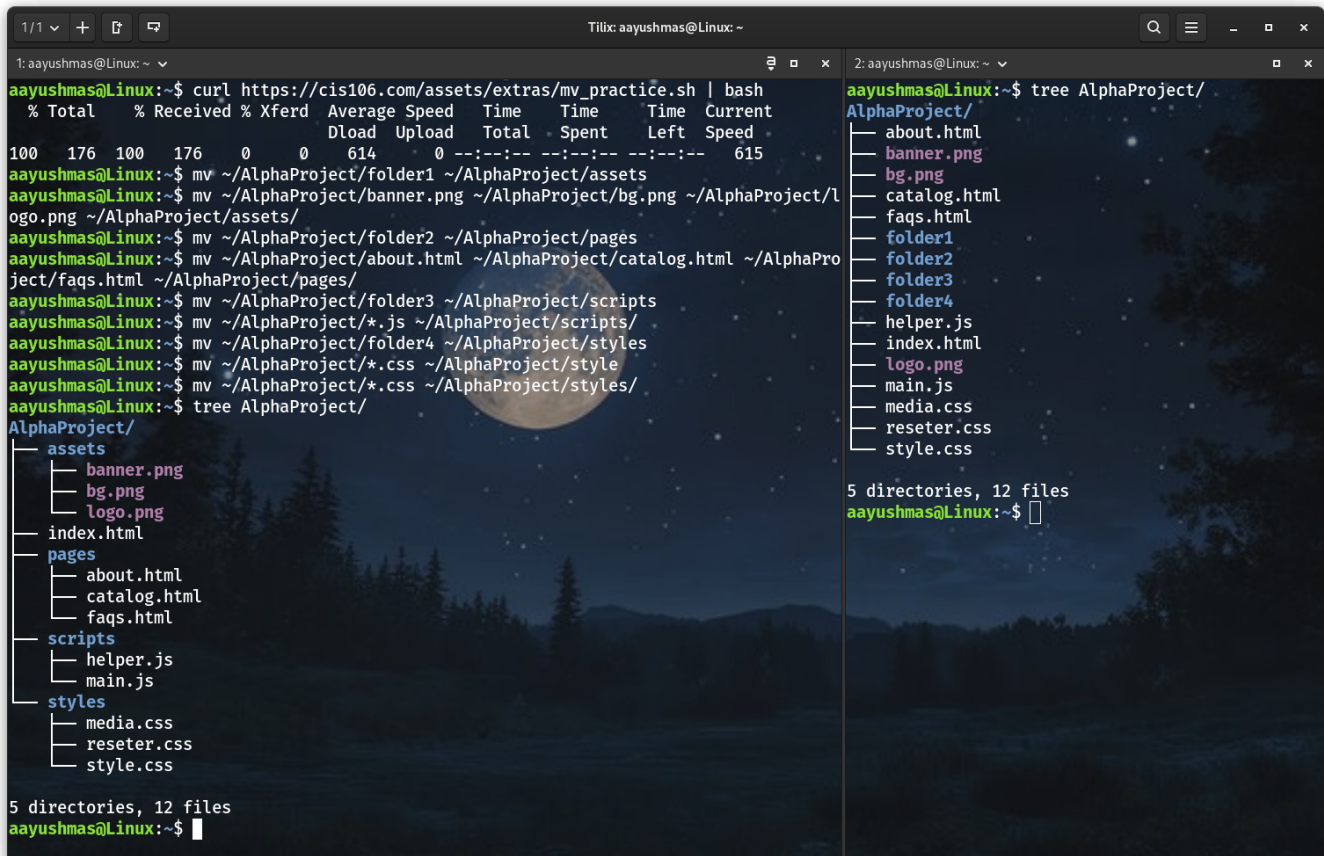
10 directories, 8 files
aayushmas@Linux:~$
```

Remove Practice

```
1/1 + [ ] [ ] Tilix: aayushmas@Linux: ~
1: aayushmas@Linux: ~
aayushmas@Linux:~$ 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   846      0 --:--:-- --:--:-- --:--:--  850
aayushmas@Linux:~$ tree ~/OutdatedProjects/
/home/aayushmas/OutdatedProjects/
├── projectA
│   ├── code.sh
│   ├── notes.md
│   ├── old_data1.txt
│   ├── old_data2.txt
│   └── old_data3.txt
├── projectB
│   ├── code.sh
│   ├── notes.md
│   ├── old_data1.txt
│   ├── old_data2.txt
│   └── old_data3.txt
├── projectC
│   ├── code.sh
│   ├── notes.md
│   ├── old_data1.txt
│   ├── old_data2.txt
│   └── old_data3.txt
└── README.md

4 directories, 16 files
aayushmas@Linux:~$ rm -rv ~/OutdatedProjects/
removed '/home/aayushmas/OutdatedProjects/projectB/old_data1.txt'
removed '/home/aayushmas/OutdatedProjects/projectB/old_data2.txt'
removed '/home/aayushmas/OutdatedProjects/projectB/old_data3.txt'
removed '/home/aayushmas/OutdatedProjects/projectB/code.sh'
removed '/home/aayushmas/OutdatedProjects/projectB/notes.md'
removed directory '/home/aayushmas/OutdatedProjects/projectB'
removed '/home/aayushmas/OutdatedProjects/projectC/old_data1.txt'
removed '/home/aayushmas/OutdatedProjects/projectC/old_data2.txt'
removed '/home/aayushmas/OutdatedProjects/projectC/old_data3.txt'
removed '/home/aayushmas/OutdatedProjects/projectC/code.sh'
removed '/home/aayushmas/OutdatedProjects/projectC/notes.md'
removed directory '/home/aayushmas/OutdatedProjects/projectC'
removed '/home/aayushmas/OutdatedProjects/projectA/old_data1.txt'
removed '/home/aayushmas/OutdatedProjects/projectA/old_data2.txt'
removed '/home/aayushmas/OutdatedProjects/projectA/old_data3.txt'
removed '/home/aayushmas/OutdatedProjects/projectA/code.sh'
removed '/home/aayushmas/OutdatedProjects/projectA/notes.md'
removed directory '/home/aayushmas/OutdatedProjects/projectA'
removed '/home/aayushmas/OutdatedProjects/README.md'
removed directory '/home/aayushmas/OutdatedProjects/'
aayushmas@Linux:~$
```

Move Practice



```

1: aayushmas@Linux: ~
aayushmas@Linux:~$ curl https://cis106.com/assets/extras/mv_practice.sh | bash
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload  Total   Spent    Left   Speed
100 176 100 176 0 0 614 0 --:--:-- --:--:-- --:--:-- 615
aayushmas@Linux:~$ mv ~/AlphaProject/folder1 ~/AlphaProject/assets
aayushmas@Linux:~$ mv ~/AlphaProject/banner.png ~/AlphaProject/bg.png ~/AlphaProject/logo.png ~/AlphaProject/assets/
aayushmas@Linux:~$ mv ~/AlphaProject/folder2 ~/AlphaProject/pages
aayushmas@Linux:~$ mv ~/AlphaProject/about.html ~/AlphaProject/catalog.html ~/AlphaProject/faqs.html ~/AlphaProject/pages/
aayushmas@Linux:~$ mv ~/AlphaProject/folder3 ~/AlphaProject/scripts
aayushmas@Linux:~$ mv ~/AlphaProject/*.js ~/AlphaProject/scripts/
aayushmas@Linux:~$ mv ~/AlphaProject/folder4 ~/AlphaProject/styles
aayushmas@Linux:~$ mv ~/AlphaProject/*.css ~/AlphaProject/style
aayushmas@Linux:~$ mv ~/AlphaProject/*.css ~/AlphaProject/styles/
aayushmas@Linux:~$ tree AlphaProject/
AlphaProject/
├── assets
│   ├── banner.png
│   ├── bg.png
│   └── logo.png
├── index.html
├── pages
│   ├── about.html
│   ├── catalog.html
│   └── faqs.html
├── scripts
│   ├── helper.js
│   └── main.js
└── styles
    ├── media.css
    ├── reseter.css
    └── style.css

5 directories, 12 files
aayushmas@Linux:~$

```

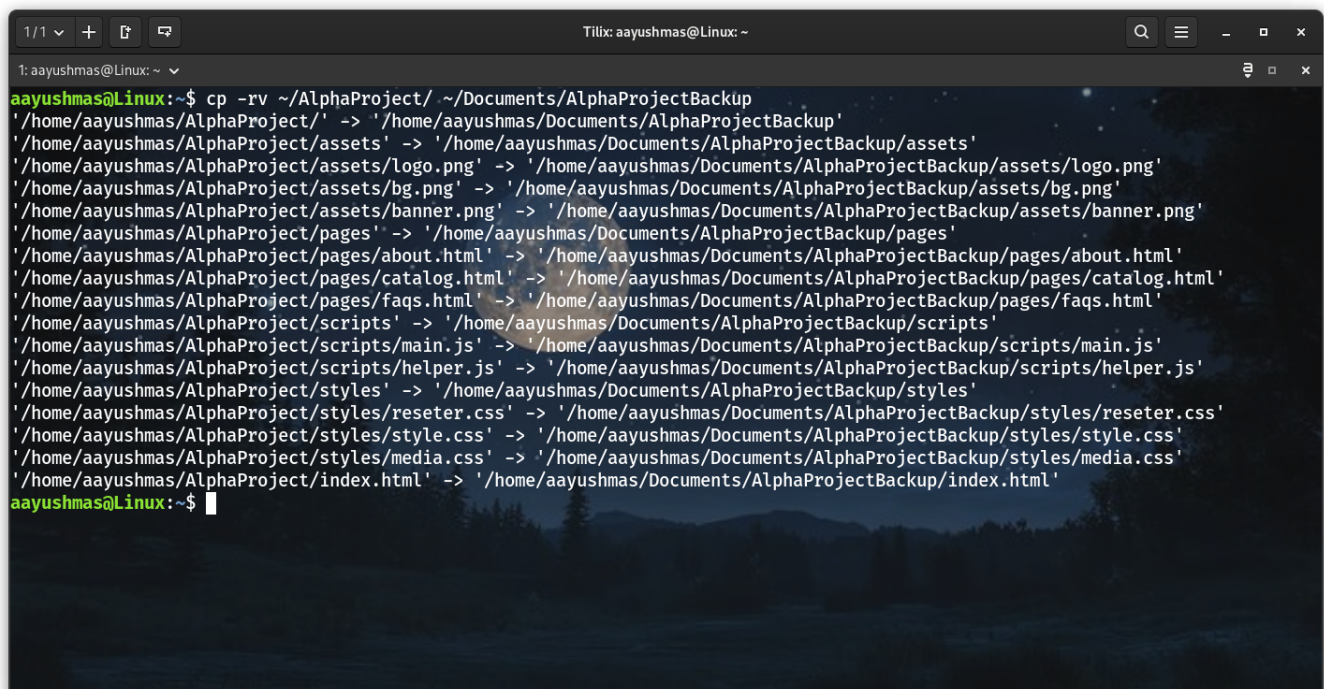
```

2: aayushmas@Linux: ~
aayushmas@Linux:~$ 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

5 directories, 12 files
aayushmas@Linux:~$

```

Copy Practice



```

1: aayushmas@Linux: ~
aayushmas@Linux:~$ cp -rv ~/AlphaProject/ ~/Documents/AlphaProjectBackup
'/home/aayushmas/AlphaProject/' -> '/home/aayushmas/Documents/AlphaProjectBackup'
'/home/aayushmas/AlphaProject/assets' -> '/home/aayushmas/Documents/AlphaProjectBackup/assets'
'/home/aayushmas/AlphaProject/assets/logo.png' -> '/home/aayushmas/Documents/AlphaProjectBackup/assets/logo.png'
'/home/aayushmas/AlphaProject/assets/bg.png' -> '/home/aayushmas/Documents/AlphaProjectBackup/assets/bg.png'
'/home/aayushmas/AlphaProject/assets/banner.png' -> '/home/aayushmas/Documents/AlphaProjectBackup/assets/banner.png'
'/home/aayushmas/AlphaProject/pages' -> '/home/aayushmas/Documents/AlphaProjectBackup/pages'
'/home/aayushmas/AlphaProject/pages/about.html' -> '/home/aayushmas/Documents/AlphaProjectBackup/pages/about.html'
'/home/aayushmas/AlphaProject/pages/catalog.html' -> '/home/aayushmas/Documents/AlphaProjectBackup/pages/catalog.html'
'/home/aayushmas/AlphaProject/pages/faqs.html' -> '/home/aayushmas/Documents/AlphaProjectBackup/pages/faqs.html'
'/home/aayushmas/AlphaProject/scripts' -> '/home/aayushmas/Documents/AlphaProjectBackup/scripts'
'/home/aayushmas/AlphaProject/scripts/main.js' -> '/home/aayushmas/Documents/AlphaProjectBackup/scripts/main.js'
'/home/aayushmas/AlphaProject/scripts/helper.js' -> '/home/aayushmas/Documents/AlphaProjectBackup/scripts/helper.js'
'/home/aayushmas/AlphaProject/styles' -> '/home/aayushmas/Documents/AlphaProjectBackup/styles'
'/home/aayushmas/AlphaProject/styles/reseter.css' -> '/home/aayushmas/Documents/AlphaProjectBackup/styles/reseter.css'
'/home/aayushmas/AlphaProject/styles/style.css' -> '/home/aayushmas/Documents/AlphaProjectBackup/styles/style.css'
'/home/aayushmas/AlphaProject/styles/media.css' -> '/home/aayushmas/Documents/AlphaProjectBackup/styles/media.css'
'/home/aayushmas/AlphaProject/index.html' -> '/home/aayushmas/Documents/AlphaProjectBackup/index.html'
aayushmas@Linux:~$

```