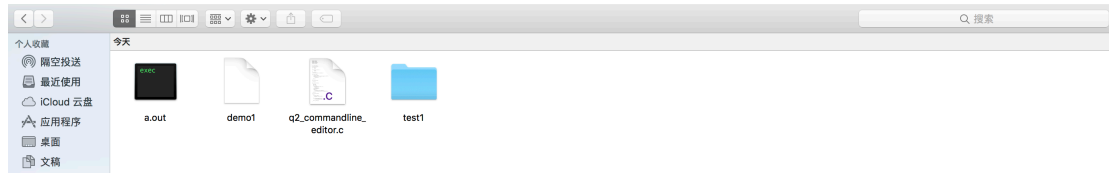# FILE OPERATIONS:

Create File - Create a new file with a specified name:

`touch [filename]`

```
Last login: Thu Jan 28 18:03:08 on ttys000
(base) bogon:~ apple$ cd CS132test
(base) bogon:CS132test apple$ gcc q2_commandline_editor.c
(base) bogon:CS132test apple$ ./a.out
> mkdir test1
> touch demo1
>
```


Copy File - Create a new file with a specified name and identical contents to an existing file:

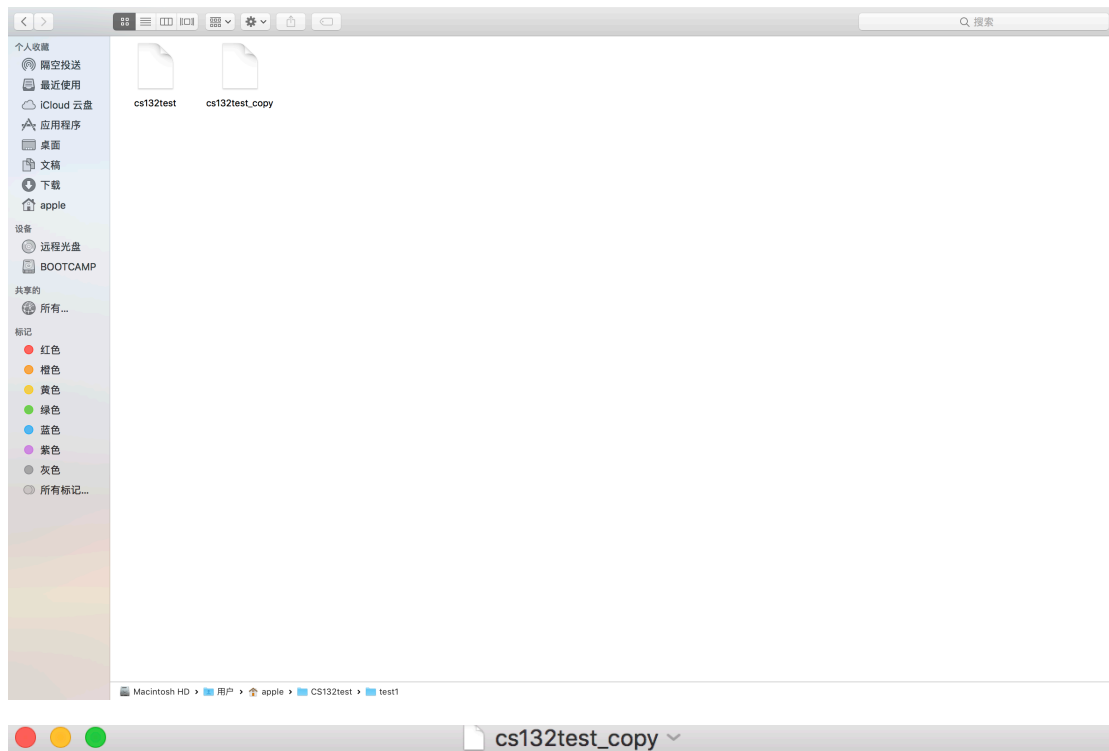`cp [filename1-Source] [filename1copy-Destination]`

```
CS132


Copy File — Create a new file with a specified name and identical contents to an existing file.



u2024013
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Last login: Thu Jan 28 18:03:08 on ttys000
(base) bogon:~ apple$ cd CS132test
(base) bogon:CS132test apple$ gcc q2_commandline_editor.c
(base) bogon:CS132test apple$ ./a.out
> mkdir test1
> touch demo1
> cd test1
> pwd
/Users/apple/CS132test/test1
> vim cs132test
> cp cs132test cs132test_copy
>
```

cs132test   cs132test_copy

Macintosh HD › 用户 › apple › CS132test › test1

cs132test_copy ⌄

CS132

Copy File — Create a new file with a specified name and identical contents to an existing file.

u2024013

Delete File - Delete an existing file with a specified name:

rm [filename]

```
Last login: Thu Jan 28 18:03:08 on ttys000
(base) bogon:~ apple$ cd CS132test
(base) bogon:CS132test apple$ gcc q2_commandline_editor.c
(base) bogon:CS132test apple$ ./a.out
> mkdir test1
> touch demo1
> cd test1
> pwd
/Users/apple/CS132test/test1
> vim cs132test
> cp cs132test cs132test_copy
> rm cs132test
>
```

cs132test_copy

Show File - Display the contents of an existing file with a specified name:

cat [filename]

```
Last login: Thu Jan 28 18:03:08 on ttys000
(base) bogon:~ apple$ cd CS132test
(base) bogon:CS132test apple$ gcc q2_commandline_editor.c
(base) bogon:CS132test apple$ ./a.out
> mkdir test1
> touch demo1
> cd test1
> pwd
/Users/apple/CS132test/test1
> vim cs132test
> cp cs132test cs132test_copy
> rm cs132test
> cat cs132test_copy
CS132

Copy File — Create a new file with a specified name and identical contents to an existing file.

u2024013
```

LINE OPERATIONS:

Append Line - Create a new line of content at the end of a specified file:

<mark>echo "content…"   >>   [filename]</mark>

```
> echo " Create a new line of content at the end of a specified file." cs132test_copy
" Create a new line of content at the end of a specified file." cs132test_copy
> ▊
```

Delete Line - Delete a line of content at a particular line number in a specified file:

<mark>sed -e m,nd [filename]</mark>

```
> cat cs132test_copy
CS132


Copy File - Create a new file with a specified name and identical contents to an existing file.


u2024013
> sed -e 1,3d cs132test_copy
Copy File - Create a new file with a specified name and identical contents to an existing file.


u2024013
> ▊
```

Show Line - Display the contents of a file at a particular line number in a specified file:

<mark>sed -n mp [filename]</mark>

```
> sed -n 1p cs132test_copy
CS132
> ▊
```

GENERAL OPERATIONS:

Show Number of Lines - Show the number of lines in a specified file:

<mark>wc -l [filename]</mark>

```
> wc -l cs132test_copy
      8 cs132test_copy
> ▊
```

TWO ADDITIONAL OPERATIONS:

Change Directory – Use cd command:

<mark>cd ..</mark>

Show Current Directory – Use pwd command:

<mark>pwd</mark>

```
Last login: Thu Jan 28 18:03:08 on ttys000
(base) bogon:~ apple$ cd CS132test
(base) bogon:CS132test apple$ gcc q2_commandline_editor.c
(base) bogon:CS132test apple$ ./a.out
> mkdir test1
> touch demo1
> cd test1
> pwd
/Users/apple/CS132test/test1
> ▊
```