

1. Open your terminal or command prompt.
2. Navigate to a directory where you want to create a new folder for this assignment using the ``cd`` command.
3. Create a new directory called "cli_assignment" using the ``mkdir`` command.
4. Change into the "cli_assignment" directory using the ``cd`` command.

```
Last login: Thu Jan 30 20:04:52 on ttys004
Restored session: Tue Feb  4 22:03:58 EST 2025
(base) cindy@wangxinyideMBP /Users %
(base) cindy@wangxinyideMBP /Users % cd ~/Desktop

(base) cindy@wangxinyideMBP Desktop % cd "QTM 350"

(base) cindy@wangxinyideMBP QTM 350 % pwd

/Users/cindy/Desktop/QTM 350
(base) cindy@wangxinyideMBP QTM 350 % mkdir cli_assignment

(base) cindy@wangxinyideMBP QTM 350 % cd cli_assignment
```

5.

a) Use the ``ls`` command to list the contents of the current directory. Take a screenshot of the output.

```
(base) cindy@wangxinyideMBP cli_assignment % ls

(base) cindy@wangxinyideMBP cli_assignment % █
```

b) Create a new file called "README.md" using the ``touch`` command. Use the ``ls`` command again to verify that the file was created. Take a screenshot of the output.

```
(base) cindy@wangxinyideMBP cli_assignment % touch README.md
```

```
(base) cindy@wangxinyideMBP cli_assignment % ls
```

```
README.md
```

```
(base) cindy@wangxinyideMBP cli_assignment %
```

c) Use the ``echo`` command to append the text "# CLI Assignment" to the "README.md" file. Use the ``cat`` command to display the contents of the file. Take a screenshot of the output.

```
(base) cindy@wangxinyideMBP cli_assignment % echo "# CLI Assignment" >> README.md
```

```
(base) cindy@wangxinyideMBP cli_assignment % cat README.md
```

```
# CLI Assignment
```

```
(base) cindy@wangxinyideMBP cli_assignment %
```

d) Create a new directory called "data" inside the "cli_assignment" directory using the ``mkdir`` command. Use the ``ls`` command with the ``-l`` flag to display the contents of the "cli_assignment" directory in long format. Take a screenshot of the output.

```
(base) cindy@wangxinyideMBP cli_assignment % mkdir data
```

```
(base) cindy@wangxinyideMBP cli_assignment % ls -l
```

```
total 8
```

```
-rw-r--r--  1 cindy  staff  17 Feb  4 22:27 README.md
```

```
drwxr-xr-x  2 cindy  staff  64 Feb  4 22:28 data
```

```
(base) cindy@wangxinyideMBP cli_assignment %
```

e) Use the ``man`` command to display the manual page for the ``ls`` command. Scroll through the manual page and find the flag that allows you to display hidden files. Use the ``ls`` command with this flag to display all files, including hidden files, in the current directory. Take a screenshot of the output.

```
[(base) cindy@wangxinyideMBP cli_assignment % man ls
```

```
[(base) cindy@wangxinyideMBP cli_assignment % ls -a  
.  
..  
README.md  
data
```