

Unix 2 Course Assignments

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Commands Use of the **cp**, **mkdir**, **less**, **mv**, **rm** commands

```
Student@DAEDMAC09 desktop % clear
```

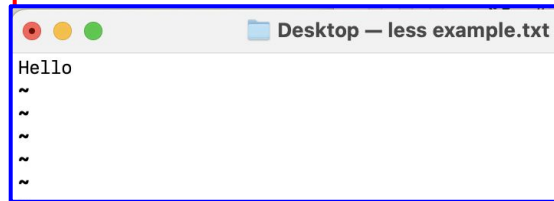
```
Student@DAEDMAC09 desktop % cp file1.txt example.txt
```

```
cp: file1.txt: No such file or directory
```

```
Student@DAEDMAC09 desktop % cp example.txt examplecopy1.txt
```

```
Student@DAEDMAC09 desktop % mkdir directory_example
```

```
Student@DAEDMAC09 desktop % less example.txt
```



```
newexample.txt
opencti
particle_sim.py
password_strength_checker.py
screenshots
script.sh
tasks.json
to_do-list.py
to_do_list.py
Student@DAEDMAC09 desktop % mv newexample.txt renameexample.txt
Student@DAEDMAC09 desktop %
```

```
Student@DAEDMAC09 desktop % mv newexample.txt renameexample.txt
Student@DAEDMAC09 desktop % rm renameexample.txt
Student@DAEDMAC09 desktop % ls
AJ DAE 2025
AJDAE6mon
CustomerFeedback_Analysis
DAEland
EDU_DOC_1-Day-Career-Exploration-Adult_Career-Exploration-Research-Template_DR
T.docx
EDU_DOC_1-Day-Career-Exploration-Adult_Career-Exploration-Research-Template_DR
T.pages
Joadege project fold
LaunchWorks_Fix
My-Book-of-spells
Ransomware Data
Screenshot 2025-07-08 at 1.22.43 PM.png
```

Arguments Add multiple arguments to a command and add an argument to an option

```
[Student@DAEDMAC09 ~ % cd desktop
[Student@DAEDMAC09 desktop % cp examplecopy1.txt to_do-list.py AJ\ DAE\ 2025
[Student@DAEDMAC09 desktop % cd AJ\ DAE\ 2025
[Student@DAEDMAC09 AJ DAE 2025 % ls
cyber_threats_and_vulnerabilities_1      python_1
cybersecurity_basics_1                  python_2
design_1                                 readme.md
examplecopy1.txt                        to_do-list.py
figma_1                                 unix_1
logic_1                                 unix_2
monday.comboard.png                     version_control_1
prompt_engineering_1
```

```
[Student@DAEDMAC09 ~ % cd desktop
[Student@DAEDMAC09 desktop % rm -r directory_example
[Student@DAEDMAC09 desktop % ls
AJ DAE 2025
AJDAE6mon
CustomerFeedback_Analysis
DAEland
EDU_DOC_1-Day-Career-Exploration-Adult_Career-Exploration-Rese
T.docx
```

Kernels and Shells

Access the default Shell, access the current shell and switch to another shell

```
Student@DAEDMAC09 desktop % echo $SHELL
```

```
/bin/zsh
```

```
Student@DAEDMAC09 desktop % ps -p $$
```

PID	TTY	TIME	CMD
23564	ttys000	0:00.10	-zsh

```
Student@DAEDMAC09 desktop % zsh
```

```
Student@DAEDMAC09 desktop % bash
```

The default interactive shell is now zsh.

To update your account to use zsh, please run `chsh -s /bin/zsh`.

For more details, please visit <https://support.apple.com/kb/HT208050>.

```
bash-3.2$
```

Environment Create an alias and customize the terminal prompt

Last login: Wed Jul 16 14:34:15 on ttys000

```
[Student@DAEDMAC09 ~ % export PS1="[\u (Action)@\h:\W]\$ "
```

```
[\u (Action)@\h:\W]$ █
```

```
Student@DAEDMAC09 ~ % alias ll='ls -aLF'
```

```
[Student@DAEDMAC09 ~ % ls
```

Applications	Movies	number.py
Desktop	Music	opencti
Documents	Pictures	password-strength-tool
Downloads	Public	something
Library	Sites	

```
[Student@DAEDMAC09 ~ % ll
```

```
total 136
drwxr-x---+ 32 Student staff 1024 Jul 16 13:57 ./
drwxr-xr-x  8 root   admin  256 Aug 26 2024 ../
-r-----   1 Student staff    7 Jan 11 2023 .CFUserTextEncoding
-rw-r--r--@  1 Student staff 12292 Jul 16 13:47 .DS_Store
drwx-----+ 91 Student staff  2912 Jul 16 12:13 .Trash/
-rw-----   1 Student staff    3 Jul 16 13:57 .bash_history
drwxr-xr-x@ 12 Student staff   384 Jun 23 13:41 .docker/
drwxr-xr-x 10 Student staff   320 Jun 16 14:41 .git/
-rw-r--r--   1 Student staff    60 Jun 12 12:21 .gitconfig
drwxr-xr-x  3 Student staff    96 Sep 26 2024 .idlerc/
-rw-----   1 Student staff    20 Jul 10 13:25 .lessht
-rw-r--r--   1 Student staff    0 Jan 10 2023 .localized
-rw-----   1 Student staff  2739 Jun 19 13:45 .viminfo
drwxr-xr-x@  5 Student staff   160 Sep 26 2024 .vscode/
```