

1. An absolute path is the file path from the home directory to a desired directory
~/python_decal_fa25/Ben/Homework/homework1/
2. A relative path is the file path from the working directory to a desired directory
Starting from engagements directory ../Homework/homework1
3. I learned about the parts of the terminal and what they do. I learned about how to save changes and the different types of file paths
4. I'm still a little overwhelmed with the different flags for each command. Is there any way to remember them easily? Do I just need practice?

File: [test.py](#)

```
print(5 + 5)
```

```
print(5 - 5)
```

```
print(5 * 5)
```

```
print(5 / 5)
```

```
print(5 ** 5)
```

```
CLANGARM64:/c/Users/benky/p  x  +  v
Engagements  Homework

benky@HAL9000 CLANGARM64 ~/python_decal_fa25/ben (main)
$ git log
commit e64bdc7b62627f106eed2ed034c807bad0f90db3 (HEAD -> main, origin/main)
Author: Ben Kyvik <benkyvik@berkeley.edu>
Date: Tue Sep 23 13:34:59 2025 -0700

    save changes

commit d06c91fd014babf7d3e71a83cdb74d388c5a0fd0
Author: Ben Kyvik <benkyvik@berkeley.edu>
Date: Mon Sep 22 11:58:50 2025 -0700

    done with hw2

commit 46ccc2ad28edd5a2d41a7d4bcbea703d8335993b
Author: Ben Kyvik <benkyvik@berkeley.edu>
Date: Fri Sep 19 17:29:57 2025 -0700

    adding test.py

commit 16cf094097e05a37263191ea281e62babcc5e2d5
Author: Ben Kyvik <benkyvik@berkeley.edu>
Date: Fri Sep 19 17:16:11 2025 -0700

    Saving Homework/Homework_1/

benky@HAL9000 CLANGARM64 ~/python_decal_fa25/ben (main)
$ |
```

- Python_decal_fa25/
 - Ben/
 - Engagements/
 - Engagement1/
 - Engagment1.1-2.png
 - Engagement1.3.png
 - Engagement1.4.png
 - engagement1.5.png
 - Engagement2/
 - Engagement2.png
 - Python_DECAl_Engagment2.pdf
 - engagement3/
 - Python_Engagement3.pdf

- Homework/
 - Homework_1/
 - [homework1.py](#)
 - Hw1_commandline1.png
 - Hw1_commandline2.png
 - Hw1_folder.png
 - Hw1_pwd_and_ls.png
 - Hw1_vscode1.png
 - Hw1_vscode2.png
 - Hw1_vscode3.png
 - Hw1_vscode6.png
 - Hw1_vscode7.png
 - Hw1vscode4.png
 - Hw1vscode5.png
 - homework2/
 - [homework2.py](#)
 - Hw2_changes.png
 - Hw2_clone.png
 - Hw2_commandline.png
 - Hw2_vscode.png
- Course_assignments/
 - homework2/
 - [homework2.py](#)
 - homework3/
 - average_vowels.py
- Homework_directory/
- lecture_notes/
 - [datatypes.py](#)
 - [script.py](#)
 - [test.py](#)