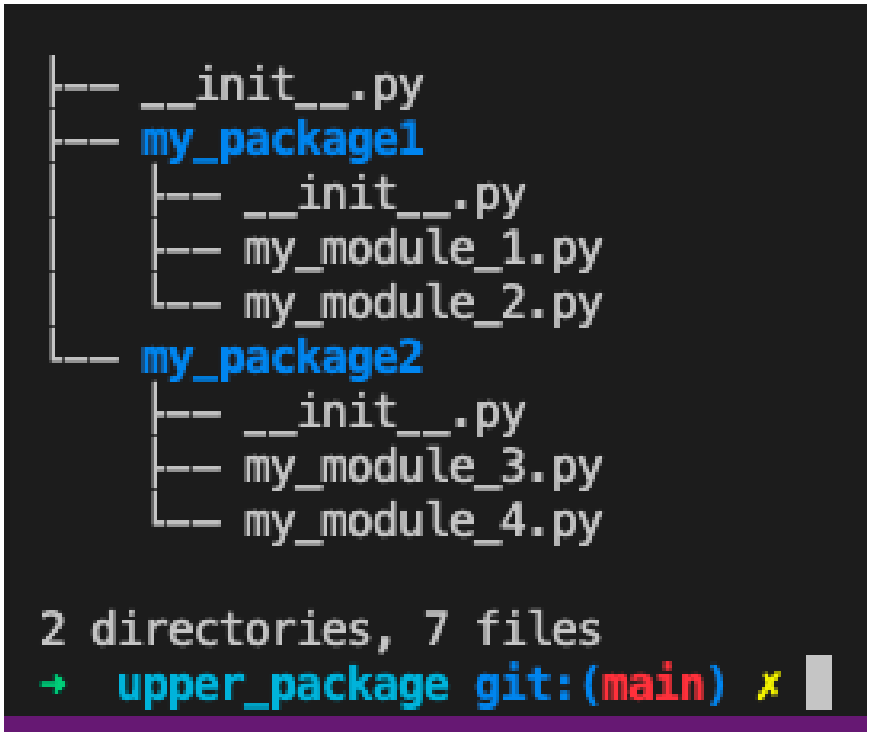
pip & Package Initialization



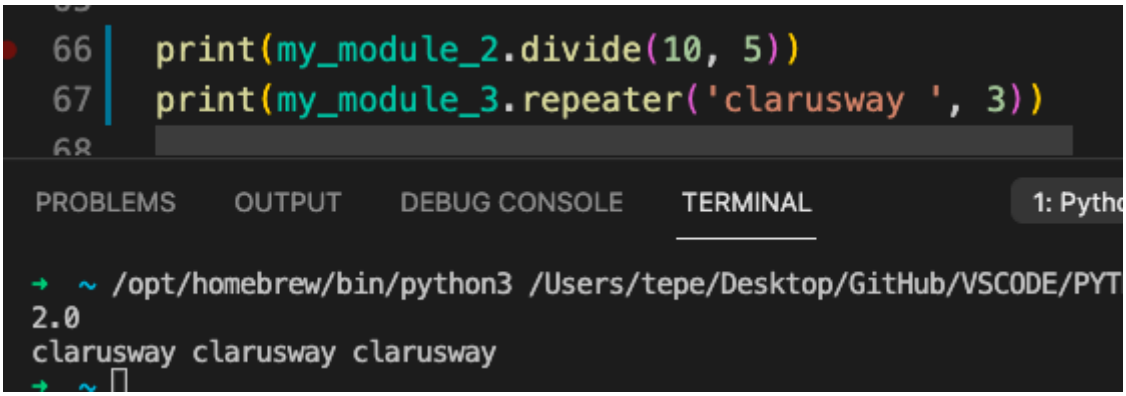
- First find out where your python installed
- Create your packages inside your python directory
- =⇒ /opt/homebrew/lib/python3.9/site-packages
- keep in mind that you have to put a file named **init**.py in the folders you will create.

Importing * From a Package

```
from upper_package import my_package1, my_package2
from upper_package.my_package1 import my_module_1, my_module_2
print(dir(my_package1))

from upper_package.my_package2 import my_module_3, my_module_4
print(dir(my_package2))
```

Now you can use module within packages you created.



PIP commands

- pip --version
- pip install my_package
- pip list
- pip show my_package
- pip uninstall my_package

** for macOS use prefix =⇒ python3 -m

for example :

- python3 -m pip --version
- python3 -m pip list
- python3 -m pip install my_package