# Modules and packages

## Module

• A file with a name and a .py extension.

<name>.py

# import statement

• One module can be used in other file using import

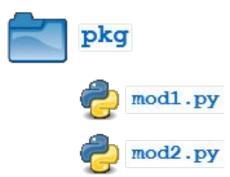
import <module\_name>

from <module> import <item>

Using aliases

import <module\_name> as <alias>

# **Package**



#### What is PIP?

PIP is a package manager for Python packages, or modules if you like.

install pip

pip install library\_name> # to install a package in python

### pipenv

Pipenv is Python package that helps in installing and managing packages.

It creates a Pipfile which has details of all the packages installed in the present virtual environment.

```
pip install pipenv # install pipenv
```

pipenv shell # spin up the virtual environment

pipenv install package # install package to the virtual environment