**What is Virtual Environment?**

It is a self-contained location that enables you to maintain separate and isolated environment for python projects that lets you

* Manage Dependencies
* Versions
* Packages

Without conflicts across different projects.

**How to create one?**

1. Open up a terminal/command prompt.
2. Go to directory where you want to create a virtual environment (e.g. location of python project).
3. For windows, enter

*python -m venv ‘name of environment’* and

*python3 -m venv ‘name of environment’*

for Mac/Linux (We use venv command because it is built in python).

1. To activate virtual environment on windows, enter

*env\Scripts\activate.bat* or *env\Scripts\activate* and

*source env/bin/activate*

1. To deactivate, enter

*deactivate*

**Note**

* Do not put any source code inside environment folder.