**Virtualenv**

1.

sudo apt install python-pip

sudo apt install python3-pip

2.

sudo apt install virtualenv

3.

sarala@sarala-pc:~/SARALA/test$ which virtualenv

/usr/bin/virtualenv

4.

sarala@sarala-pc:~/SARALA/test$ virtualenv --version

15.1.0

5.

Create virtual environment for a project

Cd in to the project

sarala@sarala-pc:~/SARALA/test$ virtualenv venv

Running virtualenv with interpreter /usr/bin/python2

New python executable in /home/sarala/SARALA/test/venv/bin/python2

Also creating executable in /home/sarala/SARALA/test/venv/bin/python

Installing setuptools, pkg\_resources, pip, wheel...done.

6.

It creates a folder in the current directory with followings

Python executable files

Copy of the pip library which you can use to install other packages

Venv is the name of the virtual environment

7.

To begin with the virtual environment you have to activate it.

sarala@sarala-pc:~/SARALA/test$ source venv/bin/activate

(venv) sarala@sarala-pc:~/SARALA/test$

8.

Go inside the venv bin

/home/sarala/SARALA/test/venv/bin

9.

Remove all python interpreters

rm python; rm python2; rm python2.7

9.

Create a symbolic link to bin or any other directory in your path

ln -s ./python python2.7

8.

Deactivate the virtual env

deactivate

This puts you back to the system’s default Python interpreter with all its installed libraries.

To delete a virtual environment, just delete its folder. (In this case, it would be rm -rfmy\_project.)