**Why do we need a virtual environment?**

Imagine a scenario where you are working on two web-based python projects and one of them uses a Django 1.9 and the other uses Django 1.10 and so on. In such situations virtual environment can be useful to maintain dependencies of both the projects.

**To create** **virtual environment in VScode:**

1-Open folder

2-new Terminal

3-Write this command :

python -m venv C:\Users\Ali\Desktop\Simple\_Project\venv

You must write the path for the folder you crated before

If the code show you error: Cannot be loaded because running scripts is disabled on this system

1. Press the windows-button on your keyboard.
2. Type ‘PowerShell’
3. Right-click Windows PowerShell
4. Click Run as Administrator
5. Run the following command and confirm with ‘Y’

Set-ExecutionPolicy -ExecutionPolicy RemoteSigned -Scope LocalMachine

4- press Ctrl+ shift +P

5-select Python : select interpreter

6- select Python (venv)

7-new Terminal

And you will be inside the virtual environment