



Faculty of Technology and Engineering

U & P U. Patel Department of Computer Engineering

Practical List

Academic Year	:	2021-22	Semester	:	4
Course code	:	CE259	Course name	:	Programming in Python

Note: Practical List is for Students. We need to cover concept require to implement respective practical

Sr. No.	Aim						
1.	Installation & Configuration of Python(3.6 or 3.7) and Virtual Environment. Along with its all major editors, IDLE, PyCharm, Anaconda, Jupyter, Interpreter etc. Note: Do not install the latest version of python due to some backward compatibility issues. Please take screenshots of each point mentioned in the assignment and upload .pdf file.						
ANS:-	 ❖ Installation & Configuration Pytho ➤ Step 1:- Download .exe file for p 	ython 3.7.9 from website					
	https://www.python.org/downloa	nds/windows/					
	← → C python.org/downloads/windows/	· · · · · · · · · · · · · · · · · · ·					
	 Download Windows x86-64 executable installer 	Download Windows x86-64 executable installer					
	 Download Windows x86-64 web-based installer 	Download Windows x86-64 web-based installer					
	 Download Windows x86 embeddable zip file 	Download Windows x86 embeddable zip file					
	 Download Windows x86 executable installer 	Download Windows x86 executable installer					
	 Download Windows x86 web-based installer 	Download Windows x86 web-based installer					
	 Python 3.5.10 - Sept. 5, 2020 	 Python 3.6.11rc1 - June 17, 2020 					
	Note that Python 3.5.10 cannot be used on Windows XP or earlier.	 No files for this release. 					
	 No files for this release. 	 Python 3.9.0b3 - June 9, 2020 					
	 Python 3.7.9 - Aug. 17, 2020 	Download Windows help file					
	Note that Python 3.7.9 cannot be used on Windows XP or earlier.	Download Windows x86-64 embeddable zip file					
		 Download Windows x86-64 executable installer 					
	Download Windows help file	Download Windows x86-64 web-based installer					
	Download Windows x86-64 embeddable zip file	 Download Windows x86 embeddable zip file 					
	Download Windows x86-64 executable installer	Download Windows x86 executable installer					
	Download Windows x86-64 web-based installer	Download Windows x86 web-based installer					
	Download Windows x86 embeddable zip file	 Python 3.9.0b2 - June 9, 2020 					
	Download Windows x86 executable installer	Download Windows help file					
	Download Windows x86 web-based installer	Download Windows x86-64 embeddable zip file					
	Python 3.6.12 - Aug. 17, 2020 Mode that Python 3.6.13 council be used on Windows VP or earlier.	Download Windows x86-64 executable installer					
	Note that Python 3.6.12 <i>cannot</i> be used on Windows XP or earlier.	Download Windows x86-64 web-based installer					
	 No files for this release. 	Download Windows x86 embeddable zip file					
	 Python 3.8.5 - July 20, 2020 	Download Windows x86 executable installer					
	Note that Python 3.8.5 cannot be used on Windows XP or earlier.	Download Windows x86 web-based installer					
		 Python 3.9.0b1 - May 19, 2020 					
	 Download Windows help file 	 Download Windows help file 					
	https://www.python.org/ttp/python/3.7.8/python-3.7.8rc1-embed-amd64.zip beddable.zip file	Download Windows v86-64 embeddable zin file					



> Step 2:- Go to the directory in which you suppose to create Virtual

Environment.

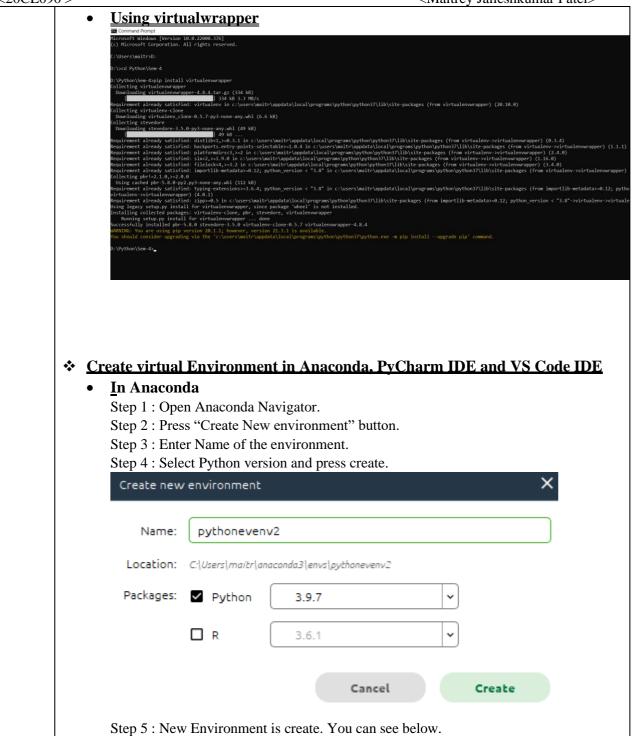
➤ Step 3:- Run Command:- *python -m venv Using_python_-m* (Where Using_python_-m is a name of Folder you can change it according to you).

Create virtual Environment using python package virtualenv and virtualwrapper

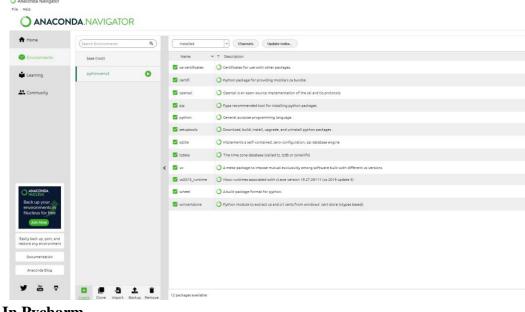
- <u>Using virtualenv</u>
 - ➤ Step 1:- Open Command Prompt.
 - > Step 2:- Go to the directory in which you suppose to create Virtual Environment.
 - > Step 3:- Run Command:- *pip install virtualenv*
 - > Step 4:- Run Command:- *virtualenv Using_virtualenv* (Where Using_virtualenv is a name of Folder you can change it according to you).

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<20CE090 > <Maitrey Jaileshkumar Patel>



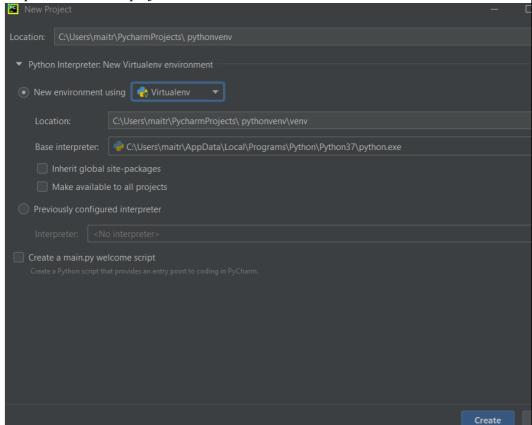




• In Pycharm

Step 1: Install Pycharm.

Step 2: Go to create project.



Step 3 : Click on Virtualenv in New environment select Interpreter according to your python version and Press Create.

Step 4 : You can see scripts folder in left corner of your pycharm screen also can see from previous applied path in environment set up.

