



## **Faculty of Technology and Engineering**

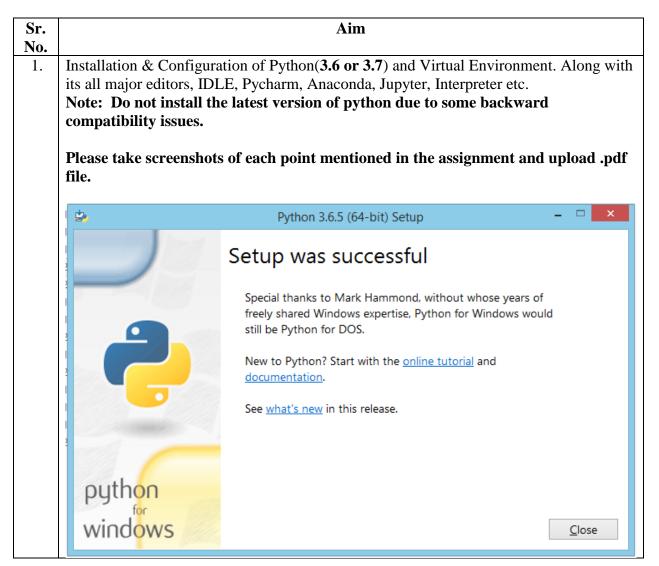
## U & P U. Patel Department of Computer Engineering

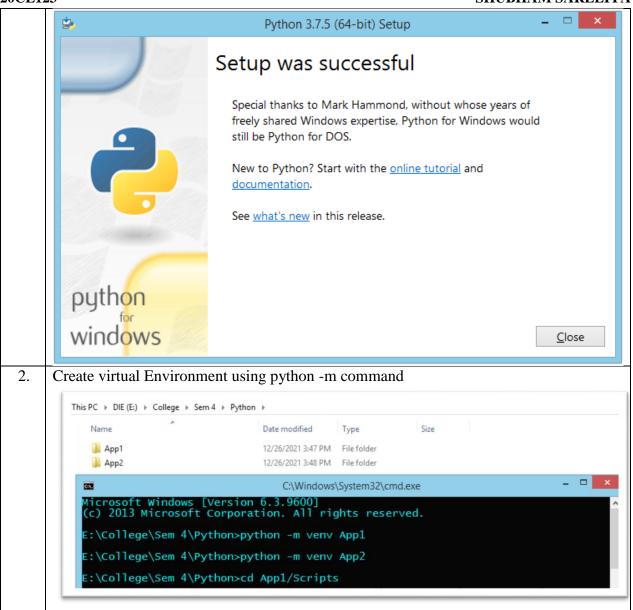
Date: 01 / 12 / 2021

## **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





```
E:\College\Sem 4\Python\App1\Scripts>activate
                      (App1) E:\College\Sem 4\Python\App1\Scripts>deactivate
E:\College\Sem 4\Python\App1\Scripts>pip install pandas
Collecting pandas
    Downloading https://files.pythonhosted.org/packages/b2/56/f886ed6f1777ffa9d54c6e80231b69db8a1f52dcc33f5967b06a105dcfe0/pandas-1.3.5-cp37-cp37m-win_amd64.whl (10.0mg)
                                                                                                                                                            | 10.0MB 819kB/s
:hine != "aarch64" and platform_machine !=
                      Collecting numpy>=1.17.3; platform_machine != "aarch64" and platform_machine != "arm64" and python_version < "3.10" (from pandas)

Downloading https://files.pythonhosted.org/packages/22/a3/3a5469ebaca59100e50b4300dd011eed943f2aad7c6a80a07966b985e2c6/numpy-1.21.5-cp37-cp37m-win_amd64.whl (
                                                                                                                                                             | 14.0MB 544kB/s
                      Collecting pytz>=2017.3 (from pandas)

Downloading https://files.pythonhosted.org/packages/d3/e3/d9f046b5d1c94a3aeab1
5f1f867aa414f8ee9d196fae6865f1d6a0ee1a0b/pytz-2021.3-py2.py3-none-any.whl (503kB
                                                                                                                                                            | 512kB 437kB/s
                     Collecting python-dateutil>=2.7.3 (from pandas)
Downloading https://files.pythonhosted.org/packages/36/7a/87837f39d0296e723bb9
b62bbb257d0355c7f6128853c78955f57342a56d/python_dateutil-2.8.2-py2.py3-none-any.
                     | 256kB 409kB/s

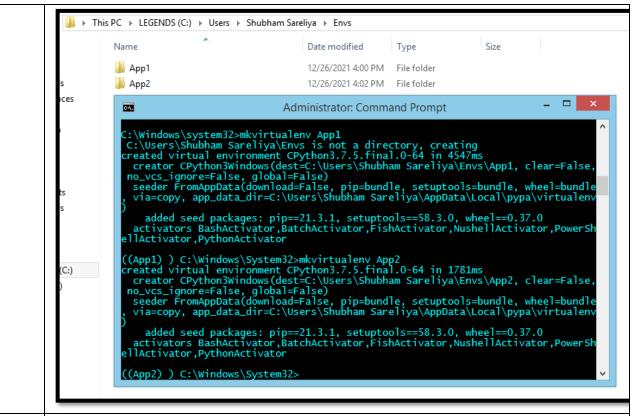
Collecting six>=1.5 (from python-dateutil>=2.7.3->pandas)

Downloading https://files.pythonhosted.org/packages/d9/5a/e7c31adbe875f2abbb91
bd84cf2dc52d792b5a01506781dbcf25c91daf11/six-1.16.0-py2.py3-none-any.whl

Installing collected packages: numpy, pytz, six, python-dateutil, pandas
Successfully installed numpy-1.21.5 pandas-1.3.5 python-dateutil-2.8.2 pytz-2021

WARNING: You are using the second seco
                       wARNING: You are using pip version 19.2.3, however version 21.3.1 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' com
                       E:\College\Sem 4\Pvthon\App1\Scripts>
                       E:\College\Sem 4\Python\App1\Scripts>pip list
                       Package
                                                                            Version
                                                                            1.21.5
1.3.5
19.2.3
2.8.2
2021.3
41.2.0
1.16.0
                       numpy
                      pandas
                      pip
                      python-dateutil
                      pytz
                      setuptools
                        ARNING: You are using pip version 19.2.3, however version 21.3.1 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' com
                        ::\College\Sem 4\Python\App1\Scripts>cd..
                       E:\College\Sem 4\Python\App1>cd..
                       E:\College\Sem 4\Python>cd App2/Scripts
                       E:\College\Sem 4\Python\App2\Scripts>pip list
Package Version
                       Package
                      pip 19.2.3
setuptools 41.2.0
                                  NING: You are using pip version 19.2.3, however version 21.3.1 is available.
should consider upgrading via the 'python -m pip install --upgrade pip' com
                         :\College\Sem 4\Python\App2\Scripts>
3.
                 Creating Virtual Environment using python package virtualenvwrapper
```





4. Create Virtual Environment in Anaconda, PyCharm IDE, and VS Code IDE

