



Faculty of Technology and Engineering

U & P U. Patel Department of Computer Engineering

Laboratory Manual

Academic Year		2022- 23	Semester		4t h
Course code	•••	CE259	Course name	•••	Programming In Python

PRACTI CAL - 1

A) Introduction to Python Programming. Installation & Configuration of Python. Along with its all-major editors, IDLE, Pycharm, Anaconda, Jupyter, Interpreter etc.

Visit www.python.org and from there download the latest python, install python then click on IDLE and install it as well.

To create a virtual environment, open the command prompt where we want to create a virtual environment and type.

Python -m venv folder name

Virtualization uses a lot of space.

One can use any version of python for specific environments.

Python 3.10.10 (64-bit) Setup		_		×				
	Advanced Options							
	☐ Install Python 3.10 for all users							
	☑ Associate files with Python (requires the 'py' launcher)							
	☑ Create shortcuts for installed applications							
	☑ Add Python to environment variables							
	☐ Precompile standard library							
	☐ Download debugging symbols							
-	☐ Download debug binaries (requires VS 2017 or later)							
	Customize install location							
	C:\Users\4andi\AppData\Local\Programs\Python\Python	310	Brows	e				
python windows								
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windows	Back • Instal	ı	Cance	el				

B) Write a python program to calculate simple interests.

```
principal = int(input("Enter Principal Amount: "))
roi = 5.4
time = int(input("Enter Time Period: "))
si = principal * roi * time / 100
print("Simple Interest:", si)
```

Output: -

```
Enter Principal Amount: 65000
Enter Time Period: 5
Simple Interest: 17550.0
>
```