



Faculty of Technology and Engineering

U & P U. Patel Department of Computer Engineering

Academic Year	:	2023-24	Semester	:	4 th
Course code	:	CE269	Course name	:	Programming in Python

Practical 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

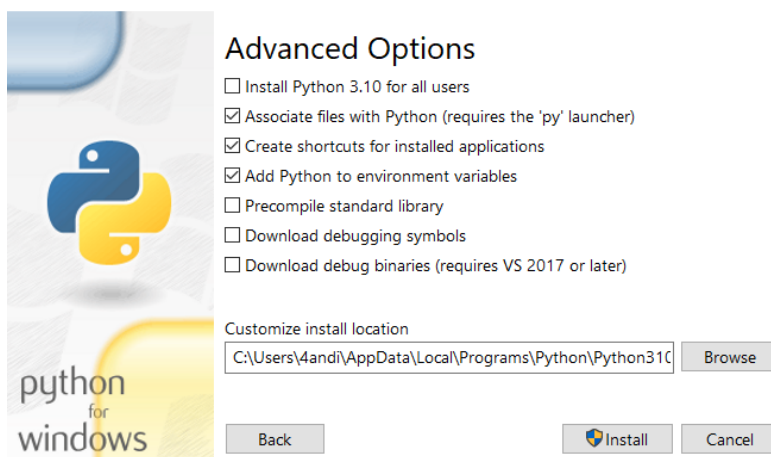
IDLE and install it as well.

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

```
Python -m venv folder_name
```

Virtualisation uses a lot of space.

One can use any version of python for specific environments.

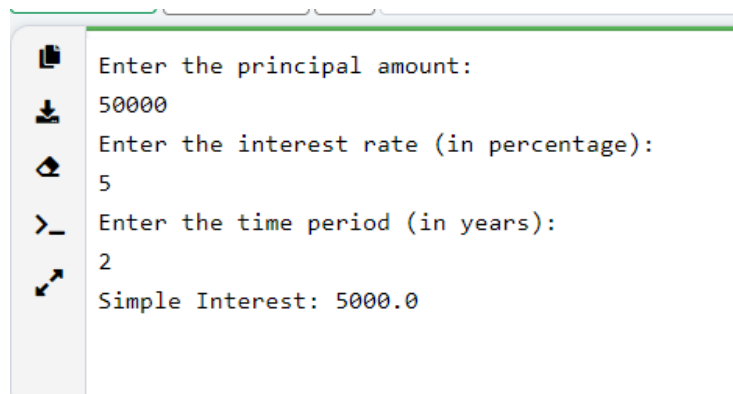


B)Write a python program to calculate simple interest.

Code:-

```
Def Calculate_Simple_Interest(Principal, Rate, Time):  
    Return (Principal * Rate * Time) / 100  
  
Principal = Float(Input("Enter The Principal Amount: "))  
Rate = Float(Input("Enter The Interest Rate (In Percentage): "))  
Time = Float(Input("Enter The Time Period (In Years): "))  
  
Simple_Interest = Calculate_Simple_Interest(Principal, Rate,  
Time)  
Print("Simple Interest:", Simple_Interest)
```

output:-



```
Enter the principal amount:  
50000  
Enter the interest rate (in percentage):  
5  
>_ Enter the time period (in years):  
2  
Simple Interest: 5000.0
```

