Python

CHAPTER 1 – BASICS OF PYTHON

Introduction

* Python is a high level programming language
* Python was developed by Guido van Rossum
* Python first version was released in 1991

Features of Python

* Simple and easy to learn
* Freeware and Open source
* High level Programming language
* Platform Independent :- Once we write a python program on any platform, we can run it on any other platform without rewriting the code
* Portability
* Dynamically typed :- In python we not need to declare type of variable, once we define the value based on value type will be automatically defined
* Both procedure oriented and object oriented language

Popular python implementations are

* C Python :- Implementation and written in C
* PyPy :- Written in RPython
* Jython :- Written in Java
* Iron Python :- Written in C#

Python Comments

* Single Line Comments :- Denoted by using #

Eg. # Python is a programming language

* Multi Line Comments :- denoted by using ‘’’ or “””

Eg. ‘’’Python is a programming language

Developed by Guido van rossum ‘’’