



Unit II

CHAPTER 5

PYTHON – VARIABLES AND OPERATORS



Learning Objectives

After studying this lesson, students will be able to:

- Appreciate the use of Graphical User Interface (GUI) and Integrated Development Environment (IDE) for creating Python programs.
- Work in Interactive & Script mode for programming.
- Create and assign values to variables.
- Understand the concept and usage of different data types in Python.
- Appreciate the importance and usage of different types of operators (Arithmetic, Relational and Logical)
- Creating Python expression (s) and statement (s).

5.1 Introduction

Python is a general purpose programming language created by Guido Van Rossum from CWI (Centrum Wiskunde & Informatica) which is a National Research Institute for Mathematics and Computer Science in Netherlands. The language was released in 1991. Python got its name from a BBC comedy series from seventies- “Monty Python’s Flying Circus”. Python supports both Procedural and Object Oriented programming approaches.



5.2 Key features of Python

- ✓ It is a general purpose programming language which can be used for both scientific and non-scientific programming.
- ✓ It is a platform independent programming language.
- ✓ The programs written in Python are easily readable and understandable.

