

CORE PYTHON



COURSE CURRICULUM

6 WEEKS

Introduction

- What is Python..?
- A Brief history of Python
- Why Should I learn Python..?
- Installing Python
- How to execute Python program
- Write your first program

Variables & Data Types

- Variables
- Numbers
- String
- Lists ,Tuples & Dictionary

Conditional Statements & Loops

- if...statement
- if...else statement
- elif...statement
- The while...Loop
- The for....Loop

Control Statements

- continue statement
- break statement
- pass statement

Functions

- Define function
- Calling a function
- Function arguments
- Built-in functions

Modules & Packages

- Modules
- How to import a module...?
- Command line arguments
- Packages
- Creating custom packages

Classes & Objects

- Introduction about classes & objects
- Creating a class & object
- Inheritance
- Methods Overriding
- Data hiding

Files & Directories

- Writing data to a file
- Reading data from a file
- Working with csv file
- The os module
- Working with files and directories

Introduction to Sqlite database

- Overview
- Create Database
- Create Table
- Drop Table
- Insert query
- Select query
- Delete and Update query
- WHERE, AND & OR Clause

GUI Programming with Tkinter

- Introduction
- Saying Hello with Labels
- Buttons
- Message Widget
- Entry Widget
- Dialogs
- Radiobutton and Checkboxes
- Creating Menus
- Events and Binds

Partners :



Java



development | consultancy | training

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