Programming in Python

Introduction

Programming in Python is designed for software developers, who have experience in procedural and object-oriented programming.

You will learn the power of programming in Python as well as how to use different Python libraries like Tkinter and NumPy, as well as develop the base understanding to get to developing more complex applications in Python.

Pre-Requisites

Basic understanding of Procedural and Object-Oriented programming

Course Details

The course is conducted on-line for 25 hours, and delivered by an experienced industry veteran.

The course will involve the development of simple projects that highlight different features of Python.

You will also familiarize yourself with some basic Python libraries

Our self-help groups and other channels will continue to support you after the course

Core Programming in Python – Course Contents

Course Contents

Hour #	Topic
1	Python Data Types & Operators
2	Setting up the Programming Environment
3	Python Statements
4	Simple Programs in Python
5	Lists & Dictionaries
6	Tuples and Sets
7	Methods and Functions in Python
8	In-built functions in Python
9	Python Program Examples - Debugging
10	Object Oriented Programming - Basic Concepts
11	Object Oriented Programming in Python
12	Object Oriented Programming in Python - contd..
13	Advanced Object-Oriented Programming concepts
14	Exceptions Handling in Python