

Python Course Content

Python Training Course Content

Core Python	Lists	Modules
Introduction <ul style="list-style-type: none"> History Features Setting up path Working with Python Basic Syntax Variable and Data Types Operator 	<ul style="list-style-type: none"> Introduction Accessing list Operations Working with lists Function and Methods 	<ul style="list-style-type: none"> Importing module Math module Random module Packages Composition
Conditional Statements <ul style="list-style-type: none"> If If- else Nested if-else 	Tuple <ul style="list-style-type: none"> Introduction Accessing tuples Operations Working Functions and Methods 	Input-Output <ul style="list-style-type: none"> Printing on screen Reading data from keyboard Opening and closing file Reading and writing files Functions
Looping <ul style="list-style-type: none"> For While Nested loops 	Dictionaries <ul style="list-style-type: none"> Introduction Accessing values in dictionaries Working with dictionaries Properties Functions 	Exception Handling <ul style="list-style-type: none"> Exception Exception Handling Except clause Try ? finally clause User Defined Exceptions
Control Statements <ul style="list-style-type: none"> Break Continue Pass 	Functions <ul style="list-style-type: none"> Defining a function Calling a function Types of functions Function Arguments Anonymous functions Global and local variables 	
String Manipulation <ul style="list-style-type: none"> Accessing Strings Basic Operations String slices Function and Methods 		

Python Course Content

Advance Python

OOPs concept

- Class and object
- Attributes
- Inheritance
- Overloading
- Overriding
- Data hiding

Regular expressions

- Match function
- Search function
- Matching VS Searching
- Modifiers
- Patterns

CGI

- Introduction
- Architecture
- CGI environment variable
- GET and POST methods
- Cookies
- File upload

Database

- Introduction
- Connections
- Executing queries
- Transactions
- Handling error

Networking

- Socket
- Socket Module

- Methods
- Client and server
- Internet modules

Multithreading

- Thread
- Starting a thread
- Threading module
- Synchronizing threads
- Multithreaded Priority Queue