Python3 Scratch To Pro

Description:

This course will help you to grab the fundamentals of Python3 and implement in real life to solve problems.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Course material

Course resources

On demand recorded videos

Practical exercises

Quizzes

Assignments

Course completion certificate

What we learn:

Introduction and installation of python

First interaction with python basics

Conditionals and loops

Detail analysis of data types

Functions Files and Exceptions

Python challenges for fun

Object Oriented programming in python

Database TODO App

Advance side of python

Handling API in Python

Requirements:

System with Internet Connection

Interest to learn

Dedication

Instructor:

Name:

Hitesh Choudhary

Description:

I like to make videos related to code and tech in my free time. I also lead a few tech teams in startups, help in hiring talent for companies. I am also on a part time traveller, with 31 countries checked off so far!

>Introduction and installation of python:

>>Introduction to python course

>>Python Installation

>>Pycharm Installation on Windows

>>Installation of python on MAC

>>Installing Pycharm in MAC

>>Using VSCode for python- optional

>First interaction with python basics:

>>Indents and commnets

>>take input from user and challenge

>>input challenge solution

>>getting started with variables in python

>>numbers and strings basics in python

>>Lists and tuples basics in python

>>Dictionary in python

>Operations in Python:

>>Arithmetic and comparison operators in python

>>Logical operations in python

>>Membership and identity operations in python

>Conditionals and loops:

>>Introduction to conditionals

>>Design a rating system in python

>>While - Getting started with loops in python

>>First step to read documentation

>>For loop in python

>>Break keyword in python loops

>>continue and pass keywords in python

>Detail analysis of data types:

>>Randomness in python

>>Using math library in python

>>String are powerful in python

>>Detail talk about lists in python

>>Tuples and dictionary talks in python

>Functions Files and Exceptions:

>>getting started with functions in python

>>Multiple arguments in python

>>lambda in python

>>design custom modules in python

>>Find the day assignment in python

>>Main method and file handling in python

>>Exception handling

>Python challenges for fun:

>>Prime number and challenges

>>range of prime numbers

>>finding factorials

>>Get matrix input and print it

>Object Oriented programming in python:

>>Introduction to class

>>objects and constructor in python

>>Getters and setters in python

>>Inheritance from Samsung to iphone

>>Method overriding in python

>Database TODO App:

>>Read sqlite3 documentation first

>>Database helper in sqlite3 part 1

>>databse helper file part 2

>>Debugging and finishing the app

>Advance side of python:

\>\>Iterator and generators in python

\>\>Maps and sets in python

\>\>All and any functions in python

\>\>Collections and deque

\>Handling API in Python:

\>\>Requests and JSON handling in python

\>\>Get a unique user every time - Project