Beginner Programming Fundamentals With Python

<u>Introduction</u>

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Before start!

Lets know each other!

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Lets know each other! (My Profile)

Ali Samanipour

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Summary

A Technical Software Product Manager with strong knowledge and background in software engineering(Software Architecture, Software Technical Design & Software Development) and agile software development management, interested in working on decentralized blockchain-oriented (Specially Web3.0 DApps & Enterprise grade permission-based blockchain-oriented software), token economic-based (Tokenomics), financial technologies(Fintech), and smart IoT-based cyber-physical systems and applications.

Before start!

Lets know each other! (Your Turn!)

Course overview

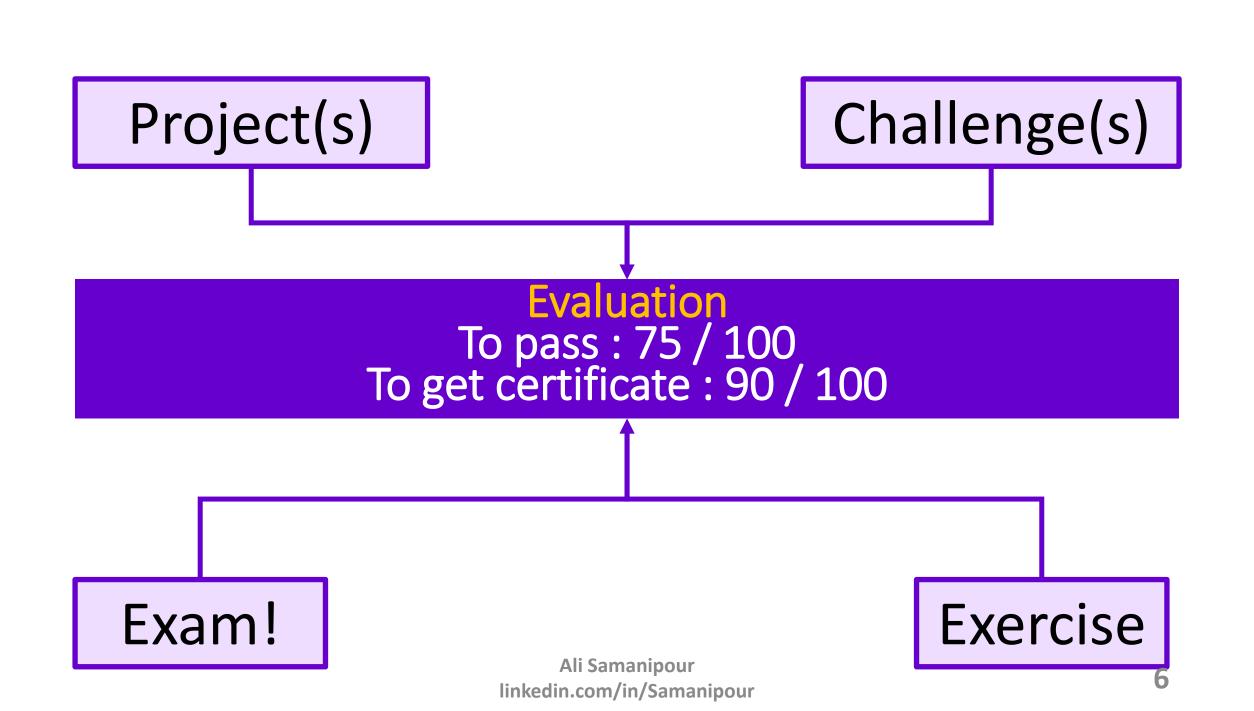
You will learn python from scratch, no prior knowledge require!

- Start from basics and dive deeper!
- Working on real challenges and a project

After this course you able choose your favorite branch

- Desktop Apps, Web Apps and Scripting
 - Data Science and Al

At first you should be a problem solver



Class Rules

Learn by doing, instead of read and memorize

Collaborate and be active

Finally, everything depends on you

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Some people want it to happen.

Some wish it would happen.

Others make it happen.

@successpictures

Course structure

Introduction to programming

Input, Output, Processing

Decision Structures

Repetition Structures

Functional Programming

Introduction to Complex Data Structures

Exercises

Challenges

Projects

Accessing Resources (Codes, Slides, etc.)



github.com/Samanipour



t.me/SamaniGroup

References

- Automate The Boring Stuff With Python, 2nd Edition: Practical Programming For Total Beginners
- Python Crash Course, 2nd Edition: A Hands-On, Project-Based Introduction To Programming
- Supercharged Python: Take Your Code to the Next Level
- Python Tricks: A Buffet of Awesome Python Features
- Learn Python the Hard Way: A Very Simple Introduction to the Terrifyingly Beautiful World of Computers and Code
- Starting Out with Python, Tony Gaddis, Global Edition