# Beginner Programming Fundamentals With Python

## Introduction

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# Before start!

**Lets know each other!**

# Before start!

# 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!
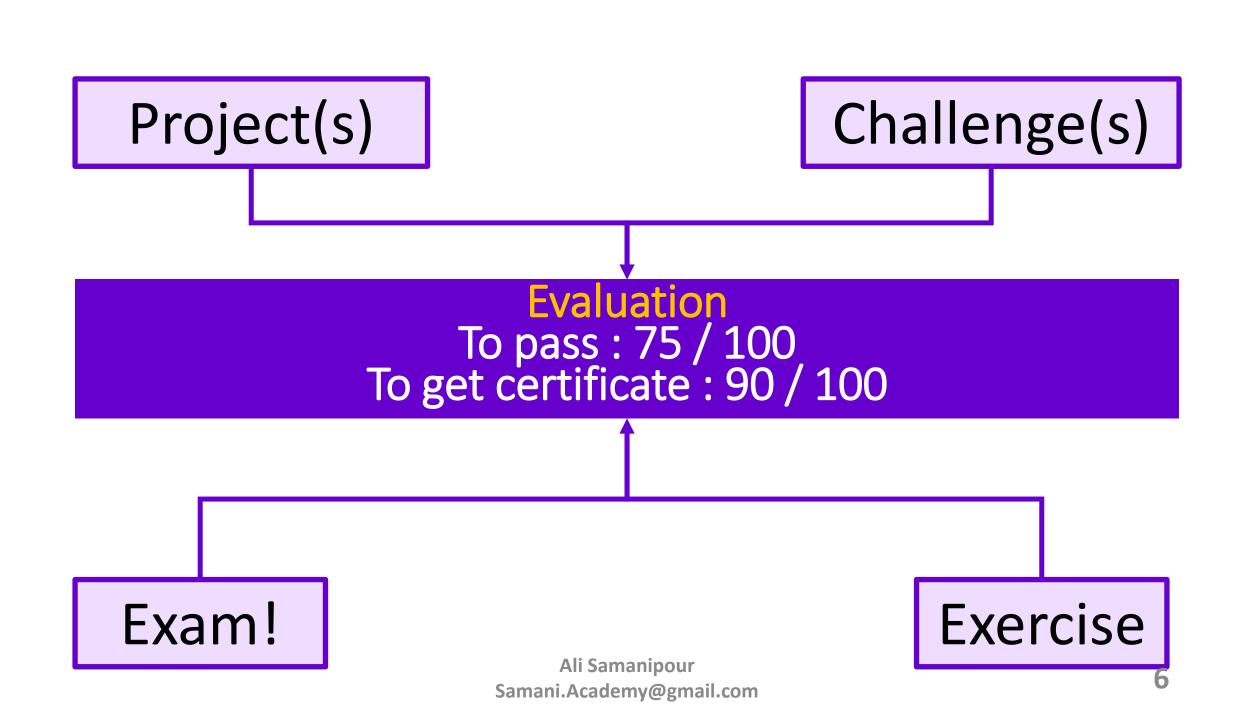## (Your Turn!)

# 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 AI

At first you should be a problem solver

Project(s)  Challenge(s)

Evaluation
To pass : 75 / 100
To get certificate : 90 / 100

Exam!  Exercise

## Class Rules

**Learn by doing**, instead of read and memorize

**Collaborate** and be active

**Finally, everything depends on you**



Some people want it to happen.

Some wish it would happen.

Others make it happen.

@successpictures

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# Course structure

| Introduction to programming | Input, Output, Processing | Decision Structures |
|---|---|---|
| Repetition Structures | Functional Programming | Introduction to Complex Data Structures |

**Exercises**

**Challenges**

**Projects**

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# To Get Course Resources
# (Codes, Slides, Texts and etc.)

https://github.com/SamaniAcademy/
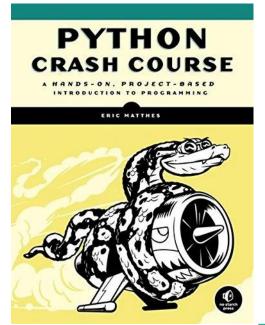
https://t.me/SamaniAcademy

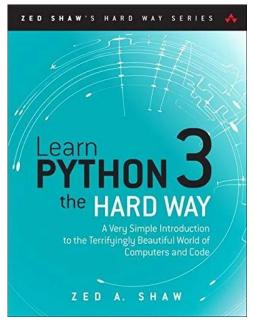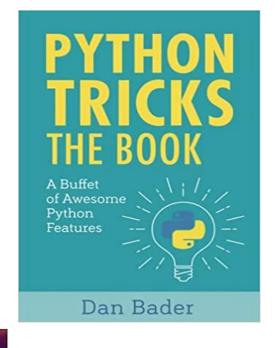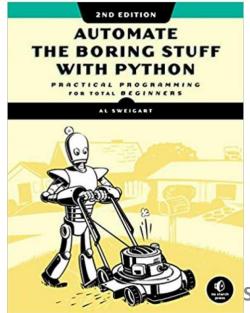https://chat.whatsapp.com/EtlatT44ICqJ fpYHtAQT4d

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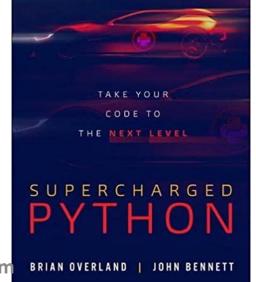
# Complementary Resources

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# All topics that I teach currently

| | | |
|---|---|---|
| UI / UX Design | Product Management | Project Management |
| Software Design | Software Architecture | CI / CD Engineering |
| Back-end Web Development | Front-end Web Development | Web3.0, Blockchain & IOT |
| Beginner Programming | Advanced Programming | Algorithm & Data structure |

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