

Python Advanced

Course Introduction



SoftUni Team
Technical Trainers



SoftUni



Software University

<https://softuni.bg/>

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sli.do

#python-advanced

SoftUni Diamond Partners

**SUPER
HOSTING
.BG**



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Bulgaria**



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POKER | CASINO | SPORTS
a Flutter International brand

INDEAVR
Serving the high achievers



AMBITIONED

 **DRAFT
KINGS**



**SOFTWARE
GROUP**

createX



Postbank
Решения за твоето утре

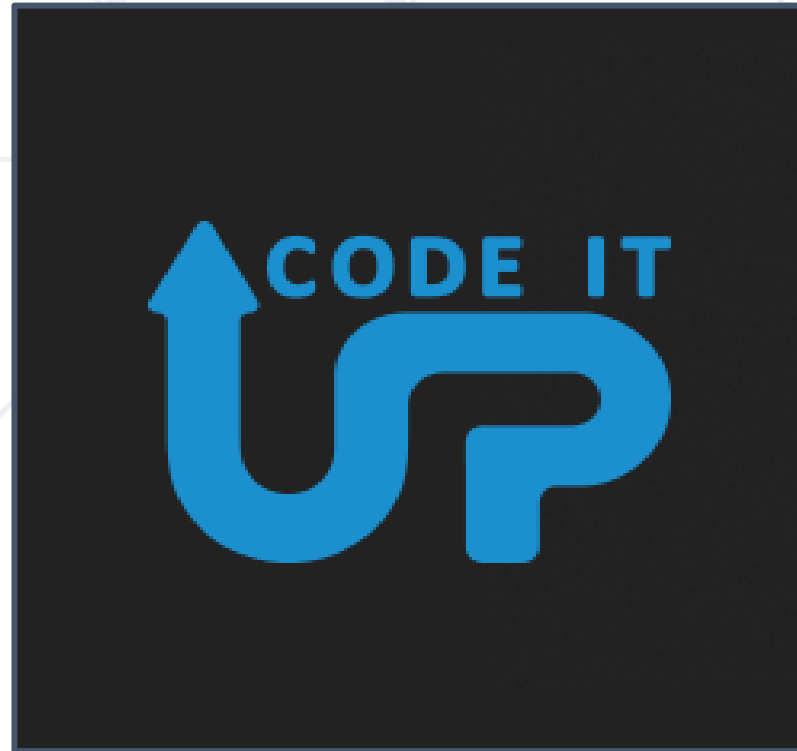


BOSCH

DXC
TECHNOLOGY



SmartIT





Course Objectives

Python Advanced Objectives

- Working with Lists as Stacks and Queues
- Working with Tuples and Sets
- Creating and working with Multidimensional Lists
- Learning functional programming
- Working with Files
- Handling Exceptions



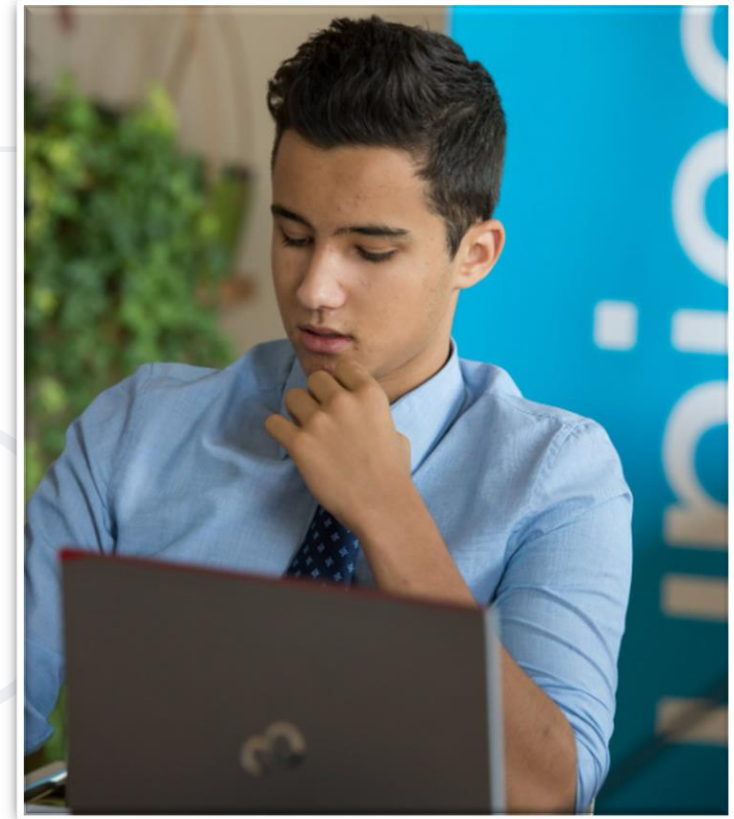


Training Team

- Technical Team Lead at **Nmible**
- Python, Django, Flask, FastAPI
- C#, Angular
- HTML, CSS
- jQuery, Docker



- Full-Stack Python/JS Developer
- Fluent in Python, Django, JS, HTML/CSS, React.js, Postgres
- Student at NBU with Computer Science
- Interested in AI and Deep Learning





Course Organization

09-May-2023

17-Jun-2023

09-Aug-2023

Python Advanced

5 weeks * 4 times / week
12 credits

Start: 09-May-2023
Practical Exam: 17-Jun-2023
Theoretical Exam: 17-Jun-2023

Retake Exams

Practical Retake Exam: 09-Aug-2023
Theoretical Retake Exam: 09-Aug-2023

Practical Programming Exam

- Exam - **4 hours**
 - **3 practical problems**
 - Stacks and Queues
 - Multidimensional Lists
 - Functions



Theoretical Exam

- You will have **30 minutes** once you enter
 - Multiple-choice with **1 correct answer**
 - Test will be in English
- Automated quiz system
- Available **on the day** of the practical exam
 - You can submit your answers just one time







Homework Assignments & Exercises

- Your homework is mainly work in class
 - Lesson days → slides + live demos + exercises
 - Exercise days → only exercises
- How to submit your homework?
 - Submitted in the judge system
- Do your homework when it's due
 - Assignments pile up quickly



- The course assignments require to **search in Internet**
 - This is an important part of the learning process
 - Some exercises intentionally have no hints
- Learn to find solutions!
 - Software development includes **everyday searching and learning**
 - No excuses, just **learn to study!**
 - Developers learn new technologies, tools, languages every day!



Course, Forum and FB Group

- Official website:

<https://softuni.bg/trainings/4106/python-advanced-may-2023>

- Official discussion forum:

<https://softuni.bg/forum/categories/792/python-advanced>

- Official Facebook group:

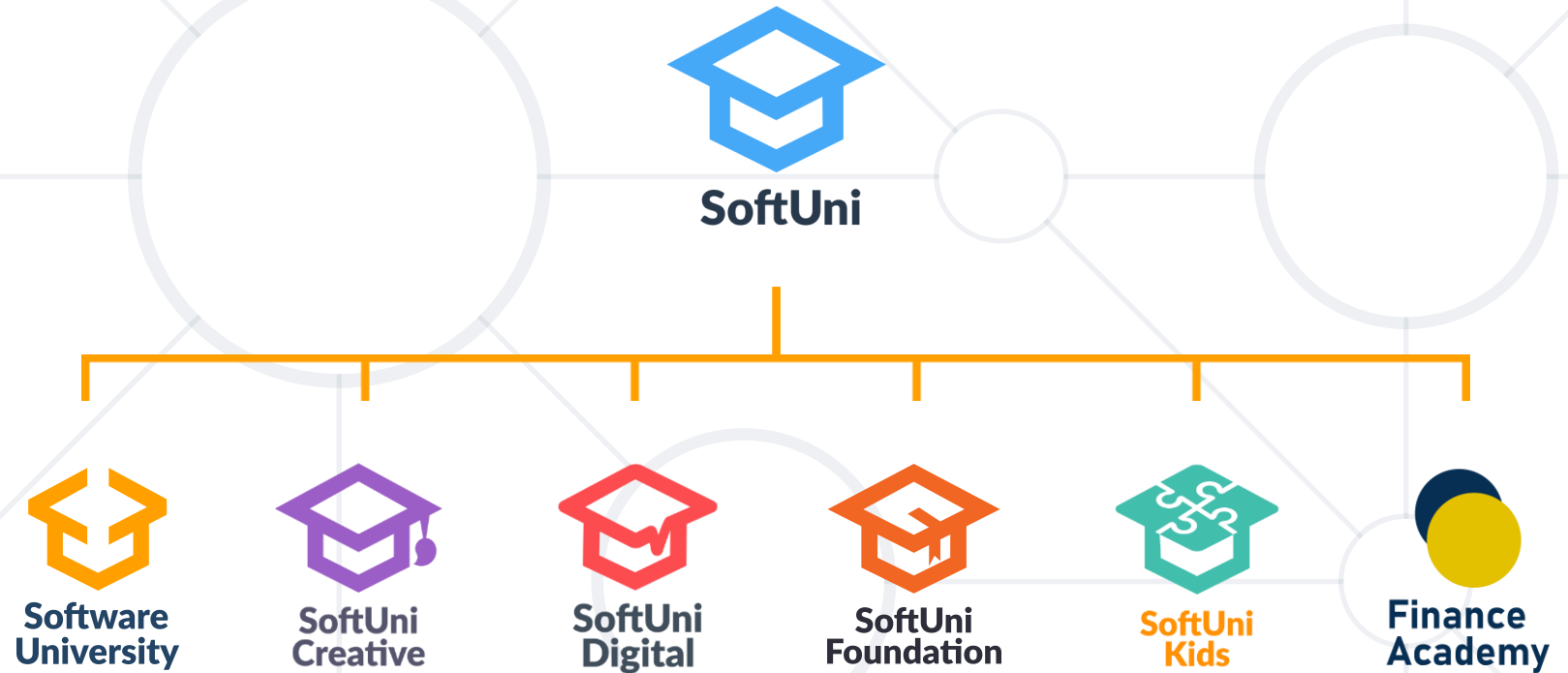
<https://www.facebook.com/groups/PythonAdvancedMay2023>

- Python Community Facebook group:

<https://www.facebook.com/groups/SoftUniPythonCommunity>



Questions?



- Software University – High-Quality Education, Profession and Job for Software Developers

- softuni.bg, softuni.org

- Software University Foundation

- softuni.foundation

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