



khfjwr

Python Programming

Instructor

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Office Location

Dept. of CENG
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Office Hours

4 pm – 5 pm, Fridays

Course Overview

Python Programming (Teams Code: khfjfwr)

This course is about basic concepts in Python Programming. Students will learn the data structures, functions, classes, and the special structures of Python. They will also learn how to create basic desktop applications with a GUI, web applications as APIs, basic games as projects. In this course, we will use GitHub actions for assignments.

Required Text

Advanced Guide to Python 3 Programming, Springer, *John Hunt*
Python for Everybody, PY4E, *Charles Severance*

Course Materials

- Python 3.x (Anaconda is preferred)
- Jupyter Notebook from Anaconda
- Pycharm from JetBrains / Microsoft Visual Studio Code
- PC with a Linux distro or a Linux terminal in Windows 10/11.

Course Schedule

Week	Subject	Week	Subject
01	Basic Concepts in Python	08	Desktop Programming
02	Sequences	09	Desktop Programming
03	Functions	10	Web Programming
04	Decision Structures	11	Web Programming
05	Loops	12	Game Programming
06	Classes	13	Game Programming
07	Special Structures	14	Student Projects

Python Programming (2025-2026 Fall)

khfjfwr

First Quiz

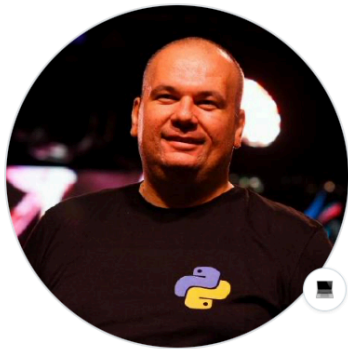


<https://forms.cloud.microsoft/r/mAKdBA2bNa>

Repository for the Course



<https://github.com/canbula>



Bora Canbula

canbula

Assoc. Prof. Dr. @mcbuceng studying data science, high performance computing and theoretical nuclear physics.

Pinned

Customize your pins



ParallelProgramming (Public)

Repository for Parallel Programming course given by Assoc. Prof. Dr. Bora Canbula at Computer Engineering Department of Manisa Celal Bayar University.

Python 78 189



NumericalAnalysis (Public)

Repository for Numerical Analysis course given by Assoc. Prof. Dr. Bora Canbula at Computer Engineering Department of Manisa Celal Bayar University.

Python 30 68



Statistics (Public)

Repository for Statistics course given by Assoc. Prof. Dr. Bora Canbula at Department of Computer Engineering, Manisa Celal Bayar University

Python 50 105



PythonProgramming (Public)

Repository for Python Programming course given by Assoc. Prof. Dr. Bora Canbula at Computer Engineering Department of Manisa Celal Bayar University.

Python 22 85



ieee754 (Public)

Python module which finds the IEEE-754 representation of a floating point number.

Python 30 6



DataScience (Public)

Repository for Data Science course given by Assoc. Prof. Dr. Bora Canbula at Computer Engineering Department of Manisa Celal Bayar University.

Jupyter Notebook 6 15

First Homework



[Week01/info_firstname_lastname.py](#)

- ✓ A string variable with the name `student_id` that contains your student id.
- ✓ A string variable with the name `full_name` that contains your full name.