

# Koç University

## COMP341

### Introduction to Artificial Intelligence

### Assignment 0

Instructor: Barış Akgün  
Due Date: October 16 2022, 23:59  
Submission Through: Blackboard

**Make sure you read and understand every part of this document**

This bonus assignment is intended to serve as a tutorial for Python programming and to the auto-grading system. The programming part of the homeworks will usually closely follow the Berkeley CS188 Fall 2021 Pacman projects at <https://inst.eecs.berkeley.edu/~cs188/fa21/projects/>. This assignment follows P0: UNIX/Python Tutorial.

This homework must be completed individually. **By submitting your assignment, you agree to abide by the Koç University codes of conduct.**

## Python Basics

The tutorial can be found here: <https://inst.eecs.berkeley.edu/~cs188/fa21/project0/>. You can use the left-side of the website to navigate easily. Do not worry about the UNIX Basics part of the tutorial. We are also leaving the Python 3.6 installation up to you. If you want to use Anaconda, you can use the Spyder IDE. Otherwise, PyCharm is another option which has Windows, MacOS and Linux versions. Let us know if you have any trouble by sending an e-mail to [comp341-tas-group@ku.edu.tr](mailto:comp341-tas-group@ku.edu.tr).

After you setup the environment, go over the Python Basics if you are not familiar with Python. Otherwise, feel free to skip it.

## Programming

You are going to do the 3 programming questions given at the website. Go to the Autograding part of the website and download the tutorial.zip. Go over this part to get familiar with using the autograder. Then start doing the questions.

If you have any issues with the code let us know ASAP through e-mail, even if you manage to solve your problem. If you think you have the right answer but the autograder is not giving you any points, try to run it on individual questions (look at the tutorials autograding part for details on how to use the *autograder.py*).

## Submission

You are going to submit a compressed archive through the blackboard site. This archive should only contain *addition.py*, *buyLotsOfFruit.py* and *shopSmart.py*. Other files will be deleted and/or overwritten.

## Submission Instructions

- You are going to submit a **single** compressed archive through the blackboard site. The file can have *zip*, *rar*, *tar*, *tar.gz* or *7z* format. If you submit files individually they may get lost.
- You are fine as long as the compressed archive has the required files within 4 folder levels.
- Code that does not run (e.g. due to syntax errors) or that does not terminate (e.g. due to infinite loops) will not get any points

- Once you are sure about your assignment and the compressed file, submit it through Blackboard.
- Do not submit code that does not terminate or that blows up the memory.
- **Important:** Download your submission to make sure it is not corrupted and it has your latest report/code. You are only going to be graded by your blackboard submission.

Best of luck and happy coding!