

CS 411 HW 0

Deadline: Sunday of Week 1 23:59 CST

Part 1: Programming

This programming assignment will give you an introduction/refresher on Python and practice for submitting homework via Gradescope. It will also give you an introduction to the autograders that future programming assignments will use. Especially since it may take a bit of time to get everyone set up we want to make sure there is plenty of time to troubleshoot any issue people have getting started before the main programming assignments.

Please see the tutorial assignment from the Berkeley course at

<https://inst.eecs.berkeley.edu/~cs188/sp19/project0.html>

It has 9 parts:

1. Introduction
2. Unix Basics
3. Python Installation.
4. Python Basics
5. Autograding
6. Q1: Addition
7. Q2: BuyLotsOfFruit
8. Q3: ShopSmart
9. Submission

The Introduction gives you a brief introduction about the project and how to submit your code. The Unix Basics and Python Installation you can skip. The Python basics part is important for those who are not familiar with Python. Parts 5-9 are the parts directly relevant for the assignment. They teach you how to write your project code, how the autograding works, and how to submit the results to Gradescope.

As the goal of this assignment is to get you up to speed you may freely seek help from other students but the files you submit must be your own work.

When you are satisfied, please submit a (only) the files you have edited via Gradescope. If you have completed everything correctly (including following the submission instructions) the autograder should run your code and give you 3/3.

Part 2: Piazza Self-Introduction

Since we won't be in the same classroom to get to know each other, we'll do an "icebreaker" activity on Piazza to start getting to know each other. Among other things, this will help you identify potential partners for future assignments. In particular the four main programming assignments in the course all permit you to work in pairs.

1. On Piazza, make a new post introducing yourself. This should include at a minimum
 - a. Your name
 - b. What degree program you are in and how far along you are (e.g. Senior studying computer science or second year Ph.D student in ECE)
 - c. (Optional) Information about your outside interests, family, fun facts about yourself, etc.
 - d. Something related to artificial intelligence. For example, this could be something you have read about in the news recently, something you are hoping to learn about in the course, or a question you think is interesting.
2. Responses to others are encouraged but not required.

Deadline and Extensions

As with all the weekly assignments in the course, all parts must be completed by Sunday 23:59 CST. For future assignments only short extensions will be possible per the course policy, but for this assignment since there are no solutions to be handed back and it is important that everyone be ready for the more substantial assignments, longer extensions until the Monday of third week of classes will be available upon request if you have trouble getting set up or joined the course late.

Grading

The assignment will be graded according to the following rubric:

Full Credit (1 point) – Post on Piazza completed and autograder passes with 3/3 points.

Partial Credit (0.5 points) – Post on Piazza completed and autograder passes with 1 or 2 points.

Some Credit (0.25 Points) – Post on Piazza completed or autograder passes with 1 or 2 points.

Hopefully this will be an opportunity for everyone to start the semester with a "Full Credit". Remember that your overall grade in the course will be determined based on the number and quality of assignments you complete.