

Homework 1: Talking About Programming Languages

Due September 13th at 10pm

There are two steps to submitting this assignment:

- (1) Place your write-up in a Google Drive folder that is shared with me (as described below).
- (2) Fill out the Homework 1 Submission Form.

Part 0: Course set up

1. CourseIntro

Introduce yourself by creating a CS251 CourseIntros¹ introduction. Make a brief video in which you pronounce your whole name.

2. Get to Know You form

Fill out the CS251 Get to Know You form.

3. Create your submission folder

You will submit your assignments through Google Drive. To do this, create a folder in your Wellesley Google Drive called:

FIRSTNAME LASTNAME CS251 Submissions

where FIRSTNAME is your first name and LASTNAME is your last name.

Share this folder with me (ca101@wellesley.edu). Please make me an editor.

Next, create a folder for this assignment within FIRSTNAME LASTNAME CS251 Submissions. Call it:

FIRSTNAME LASTNAME Homework 1

Check that it is shared with me.

You will repeat this last part for every homework assignment.

¹CourseIntros was created by Wellesley faculty alum Susan Buck.

Part 1: PL concepts

1. Syntax and semantics (10 points)

- A. Give an example, from a programming language that you know, of a **syntactic** property.

- B. Give an example, from a programming language that you know, of a **semantic** property.

2. Language attitudes (10 points)

Describe something you've heard someone say about a programming language. Is this a language attitude, or a language property? Why do you think people believe this?

3. Experience using programming languages (10 points)

- A. What programming languages have you used before?

- B. What did you like or dislike about these languages? Try to use some of the terminology we discussed (**domain, abstraction, expressiveness, programming paradigm**, etc).