

# CS 100 - Homework 1

## Deadline:

**11:00 am** (the beginning of class) on **Friday, August 31, 2018**.

## Purpose:

To make sure you have read over the course syllabus, to give you an excuse to check out the posted in-class projections, and to think a bit about critical thinking and some of the intellectual standards needed for critical thinking.

## How to submit:

- You complete **Problem 1** - answering the CS 100 Syllabus Confirmation and Reading Questions - on the course Canvas site.
- You submit your answers for **Problems 2, 3, and 4 ON PAPER** (with answers legibly hand-written or typed)
  - **I will accept your work for Problems 2, 3, and 4 on paper ONLY.** You may turn it in at the beginning of class, or into the Math/Computer Science department office (on the 3rd Floor of BSS, with instructions to place it into my mailbox) **BEFORE** the due date and time, in order to receive credit.
  - Make sure **your name** is at the **top of each page** of the document!

## Problem 1 - 20 points

Problem 1 is correctly answering the "HW 1 - Problem 1 - required syllabus confirmation and reading questions" on the course Canvas site by 11:00 am on **Friday, August 31**.

## Problem 2 - 10 points

To complete Problem 1, you must go to the course Canvas site, of course.

The purpose of Problem 2 is to give you an excuse to check out the posted in-class projections on the CS 100 public course web site, <http://users.humboldt.edu/smtuttle/f18cs100/>.

- Go to the CS 100 public course web site.
- Scroll down and click the link for "In-class Projections".
- Write the web address that is given in the 2nd line of the posted in-class projections for Week 1 - Lecture 2, 2018-08-22.

### Problem 3 - 35 points

Recall that, as given in Chapter 1 and in course discussion, we are defining **critical thinking** to be the general term given to a wide range of cognitive skills and intellectual disposition needed to:

- effectively identify, analyze, and evaluate arguments and truth claims
- discover and overcome personal preconceptions and biases
- formulate and present convincing reasons in support of conclusions
- discover and overcome personal preconceptions and biases
- make reasonable, intelligent decisions about what to believe and what to do

Give at least one reason why you think critical thinking could be a useful ability for you to have in your life.

### Problem 4 - 35 points

Consider the intellectual standards, discussed in class and in Chapter 1, considered to be important in critical thinking:

- clarity
- precision
- accuracy
- relevance
- consistency
- logical correctness
- completeness
- fairness

Choose one of these, and explain why a lack of that standard would be detrimental to critical thinking.