Learning Goals (Today)
- Define algorithms
- Understand course structure
- Brainstorm group work strategies

Logistics:
- Apply to do research with CS profs this summer http://forms.gle/kn6Tw83whKY6WVDH9
- Upcoming Assignments: Getting to know you, Exit Tickets, Rough Draft, Participation
- Office Hours this week: 1:30-4:30 Thursday (hybrid) or by appt
- Will post notes and videos of course (video only accessible to class)
- Get tickets

Learning Goals?
- https://www.cs.middlebury.edu/~skimmel/Courses/302S22/syllabus.html#Goals
- go/cs302 or go.middlebury.edu/cs302

How are we going to get there?

Group Problem Solving
Not graded on whether you solve the problem
Credit for actively working to create a positive group environment
Good group work often doesn’t feel easy, but it should feel respectful
What do to when things get challenging?

As a group:
- Name want to be called, pronouns if desired, Interest
- Brainstorm potential difficulties that might arise in group problem solving sessions. Then brainstorm solution that create a positive group/learning environment. Example difficulty: You suggest an idea, and no one seems to notice. A couple minutes later, another groupmate who you know has done well in past CS classes suggests a very similar idea that everyone else supports and moves forward with.

https://docs.google.com/document/d/1cRQvnoZLCgTd1cGvBtbqRdtWriDrXRXDiVfQWtYSov/edit?usp=sharing

Group Plan

Describe (pseudo code)

Groove (readiness)

Analyzing Constraints

Consider Final Implications

NP-completeness vs. comparing difficulty of problem

Logistic:

1s:
Intro
Friday, February 11, 2022
9:09 AM