

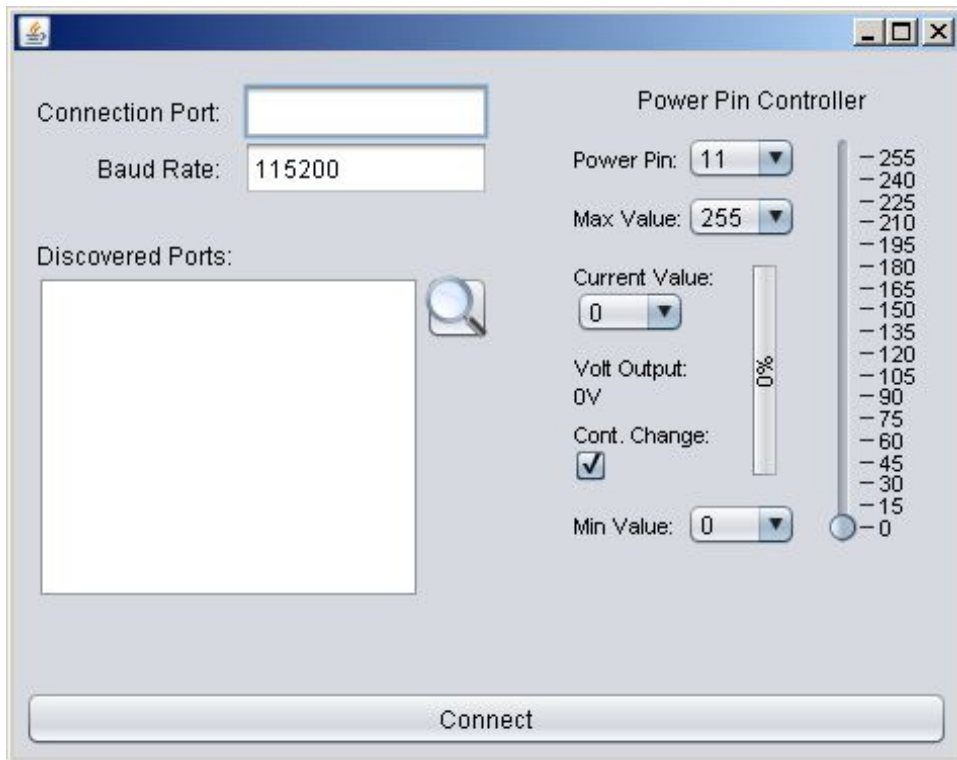
Welcome to CMPS 12A

Instructor: Dustin Adams, PhD

duwadams@ucsc.edu

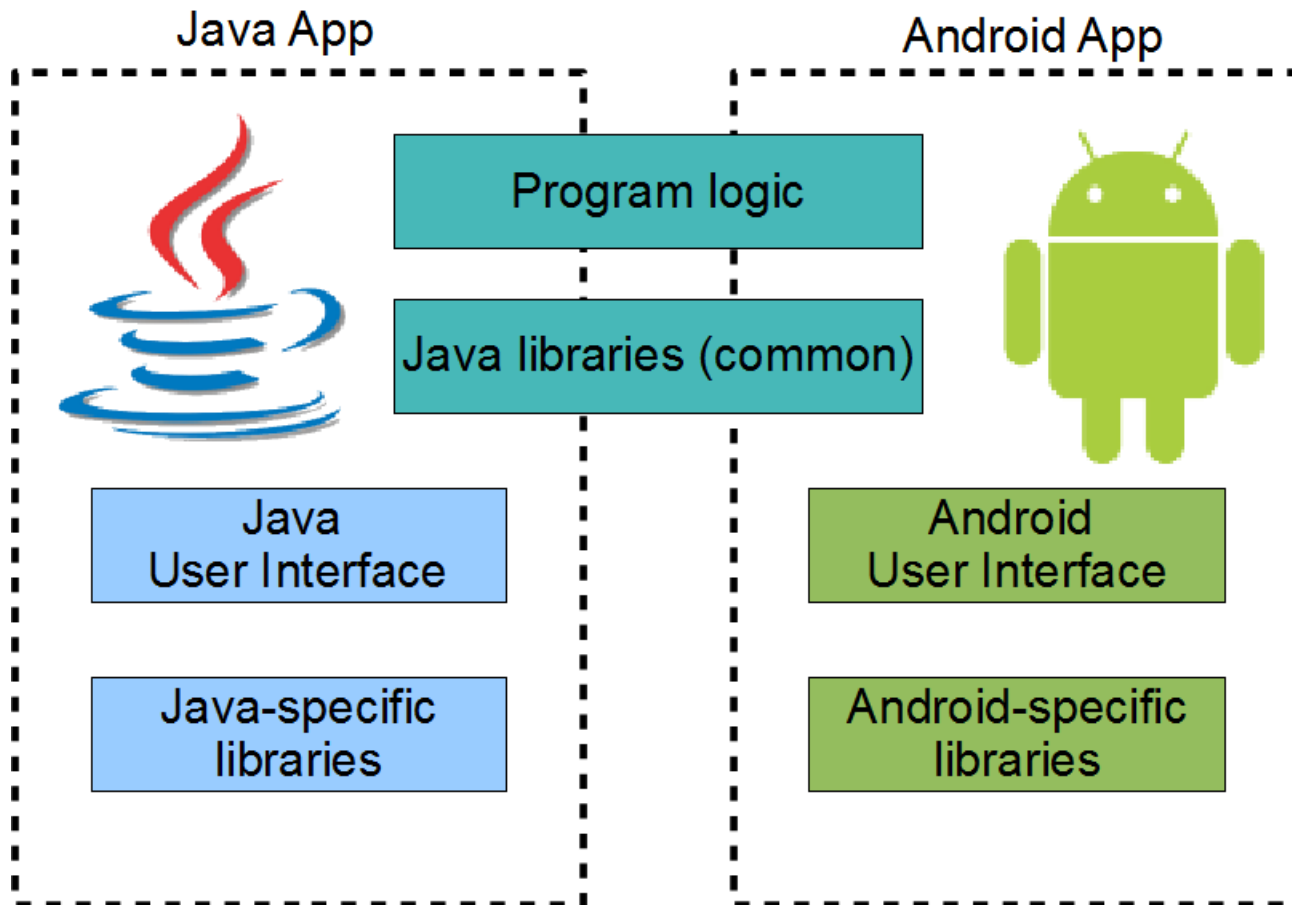
What can you do with Java?

- Create programs (that are cross-platform compatible with Mac, PC, and Linux) for virtually any imaginable field or purpose



What can you do with Java?

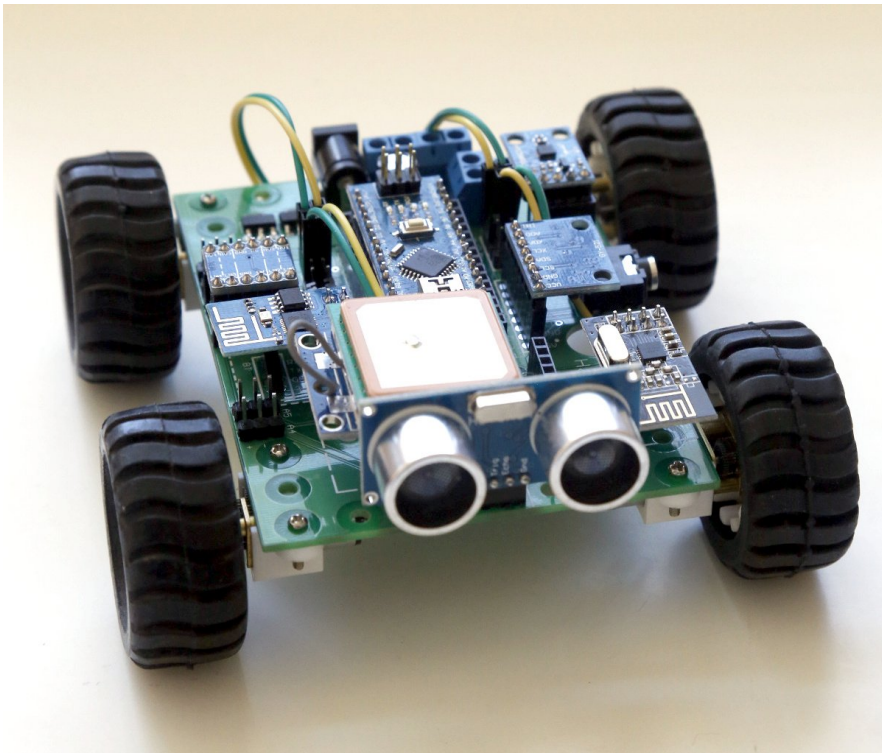
- Create Android apps



(photo cred: extremetech.com)

What can you do with Java?

- Robots
 - Arduino uses Java
 - Computer Vision Packages



In this class

- You'll learn to write moderately difficult programs in Java
- You'll learn some fundamental concepts in Object Oriented Programming
 - Functions/Methods
 - Loops
 - Classes & Objects
 - Recursion
 - Arrays
 - Inheritance

Technical Info

- Office hours
 - E2 249B
 - Tuesday 2-4pm, Thursday 3-5pm



Engineering 2 Building

Teaching Assistants

- Chandranil Chakrabortii (cchakrab@ucsc.edu)
 - Office Hours: Thursday 2pm-3pm
- Aaron Springer (alspring@ucsc.edu)
 - Office Hours: Friday 11am-noon
- Yi Yin (yyin15@ucsc.edu)
 - Office Hours: Wednesday 1pm-2pm
- Devashish Purandare (dpuranda@ucsc.edu)
 - Office Hours: 11am-noon

Contact

- If you have any questions about the course, contact Yi (one of the TAs)
 - yyin15@ucsc.edu

Lab Sections

All Lab sections held in Ming Ong (Merrill College)

Mon 12:00PM-01:00PM (Devashish, Dylan)

Tu 12:00PM-01:00PM (Yi, Dylan)

Tu 01:00PM-02:00PM (Aaron, Dylan)

Wed 12:00PM-01:00PM (Yi, Chandranil)

Wed 07:00PM-08:00PM (Yi, Dylan)

Th 09:00AM-10:00AM (Chandranil, Devashish)

Th 11:00AM-12:00PM (Aaron, Devashish)

Th 12:00PM-01:00PM (Chandranil, Dylan)

Th 07:00PM-08:00PM (Chandranil, Dylan)

Textbook

Programming in Java (Online Textbook) Lysecky,
Lizarraga, Vahid

Only Available online:

1. Sign in or create an account at
learn.zybooks.com

2. Enter zyBook code:

UCSCCMPS12AAdamsFall2017

3. Subscribe

Class Resources

- Canvas
- Piazza
- Course Webpage
- Webcasts

Exams

- Midterm 1: Wednesday, October 25
- Midterm 2: Monday, November 20
- Final Exam: December 13 12:00–3:00pm

***Please note: Makeups for the exams are **not** offered. You **must** be present in during these dates and times to take the exams.

Assignments

- Lab Assignments: These will come from Zybooks. Due every Monday at 11:59pm (first is due **Monday October 9**). 9 Throughout quarter.
- Programming Assignments: Due Fridays @ 11:59pm. 5 throughout quarter. Roughly due every 2 weeks...except 1. (first is due **Friday October 13**)

Grade weights (12A)

Programming Assignments: 40%

Midterm Exam 1: 20%

Midterm Exam 2: 20%

Final Exam: 20%

*Note: attendance in class and lab are not required.

Grade weights (12L)

Lab Assignments: 80%

Final Exam: 20%

DRC

If you qualify for classroom accommodations because of a disability, please get an Accommodation Authorization from the Disability Resource Center (DRC) and submit it to me in person outside of class (i.e. during office hours) within the first two weeks of the quarter. Contact DRC at 459-2089 (voice), 459-4806 (TTY), or <http://drc.ucsc.edu> for more information.

Academic Dishonesty

The Baskin School of Engineering has a zero tolerance policy for any incident of academic dishonesty. If cheating occurs, consequences may range from getting zero on a particular assignment to failing the course. In addition every case of academic dishonesty is referred to the students' college Provost, who sets in motion an official disciplinary process. Cheating in any part of the course may lead to failing the course, suspension or dismissal from the Baskin School of Engineering, or from UCSC.