# CSE 11
# Accelerated Intro to Programming
# Lecture 14

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This lecture is being recorded

# Announcements

- PA7 due tomorrow @ 11:59pm

- Lecture Quiz 6 due Thursday @ 11:59pm

- PA4 & PA5 resubmissions due Friday @ 11:59pm
  - No tutoring hours on Friday

- Exam 2
  - Friday – releasing at 12am
    - Due Saturday @ 4pm

# Array with Objects

- No new programming language feature here
  - Just a new idea
    - We can store references to objects that we created from our classes inside an array
    - And the same rules are followed by Java

# Array Construction

- <type> <name> = new <type> [<count>];
  - Produces a new array of <type> with <count> elements and returns a reference to it

# Array Update

- <array>[<index>] = <new value>;
  - Array update/assignment/expression/statement

# Default Values

- Java has this idea of default values
  - int – 0
  - boolean – false
  - double – 0.0
  - String – null
    - Java has this special value called null
      - null is a value just like integers are values

# Generics

- Generics
  - Parametric Polymorphism
- <T>
  - Parameterized type
  - Can be used:
    - In front of method
    - After class/interface name

# Challenge

- Add a new method countUserIsUCSD
  - That counts how many tweets in an array were tweeted by the "ucsd" user