

CSE 11

Accelerated Intro to Programming

Lecture 14

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This lecture is being recorded

Announcements

- PA7 released yesterday, due Thursday @ 11:59pm
 - Longer PA – start early!!
- Discussion about PA7 is today
- 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