CSE 121 – Lesson 13

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Autumn 2023

Music: 121 23au Lecture Tunes 🦌

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     Jacob Julia Ayesha Aishah Yijia
Announcements, Reminders

• C3 will be released later today
  • Due Tuesday, Nov 21

• Quiz 2 tomorrow in Quiz Sections!
  • Conditionals, while Loops, User Input (Scanner)

• Next week:
  • Tuesday: section cancelled
  • Wednesday: lecture optional (Lead TA Nic will be teaching!)
  • Thursday, Friday: University holidays (campus is closed)
  • IPL: reduced staffing Mon, Tues, Wed (maybe partial day); closed Thurs-Sun

• Final Exam: **Wednesday, December 13 12:30pm-2:20pm**
Formative Feedback: Closing the Loop

The Good...

• Resubmission Opportunities
• Pre-Class Work
• In-Class Demos & Slido Questions
• Quiz Sections
• IPL
Formative Feedback: Closing the Loop

Suggestions...

- More practice problems for Quizzes
- Vocabulary List
  - Post requests in the pinned Ed post!
- Approximations of how long an assignment should take...
  - Tell us why in the (other) pinned Ed post!
Formative Feedback: Closing the Loop

Reminders...

- Practice Problems & Resources tab
- Reading technical specifications is a skill!
  - For those curious...this was one of my technical specification at Microsoft...
(PCM) Arrays

- Elements (must all be the same type)
- Indices (starting at 0)
- Must decide size when created
- `arr.length` to get `arr`'s length
- `Arrays.toString(arr)` to get a nice String version

```java
int[] arr = new int[4];
```

```
name: arr (int[])
0 0 0 0
```

```
type
name
array creation code
```
(PCM) Array Traversal Pattern

```java
for (int i = 0; i < arr.length; i++) {
    // do something with arr[i]
}
```
Poll in with your answer!

How can we get the last element of an array arr?

A. arr[arr.length()]
B. arr[length()]
C. arr[arr.length]
D. arr[arr.length() - 1]
E. arr[arr.length - 1]