

# CSE 121 – Lesson 14

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TAs: Abby    Aishah    Anju    Annie    Archit    Ayesha    Christian  
Hannah    Heather    Hibbah    Jacob    James    Janvi    Jasmine  
Jonus    Julia    Lucas    Luke    Maria    Nicole    Shananda  
Shayna    Trey    Vidhi    Vivian

[sli.do #cse121-14](https://sli.do/#cse121-14)

Today's playlist:  
[CSE 121 24wi lecture beats :D](#)

# Announcements, Reminders

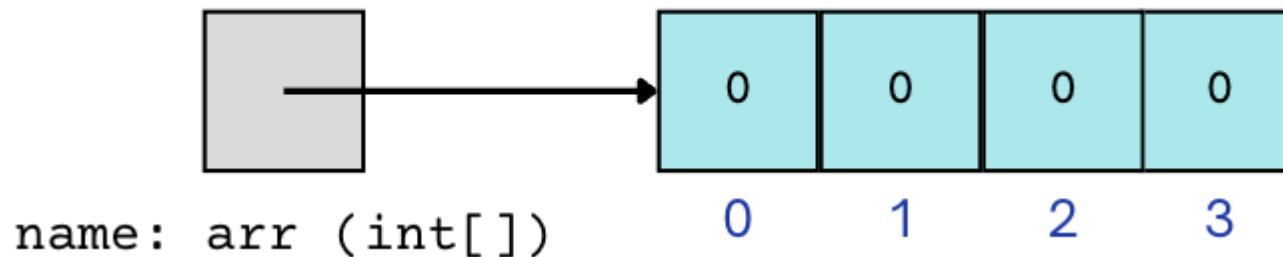
- Creative Project 3 (C3) Releasing later tonight; due February 27<sup>th</sup>
- Resubmission Cycle 4 (R4) due tomorrow, February 22<sup>nd</sup>
  - **Final** opportunity for C1!
  - Also eligible: P1, C2
- Quiz 0 grades hopefully by this weekend! 🙌
- Quiz 2 on Thursday, February 29<sup>th</sup>
  - Covers everything up to (and including) today's material!

# (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

`int[]`   `arr`   =   `new int[4];`  
type                    name                    array creation code

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



# (PCM) Array Traversal Pattern

```
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]`