

# CSE 121

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Winter 2023

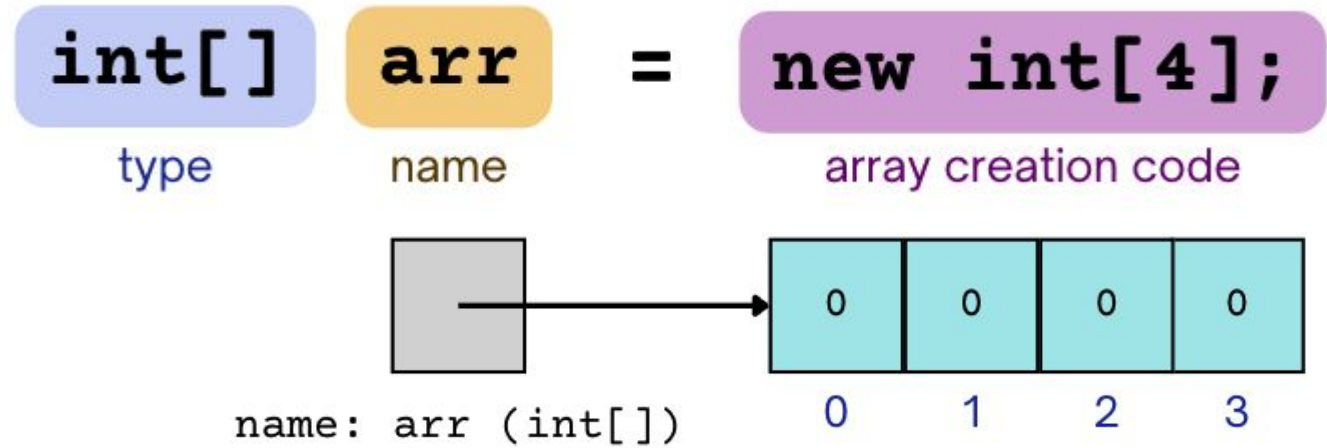
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# Announcements, Reminders

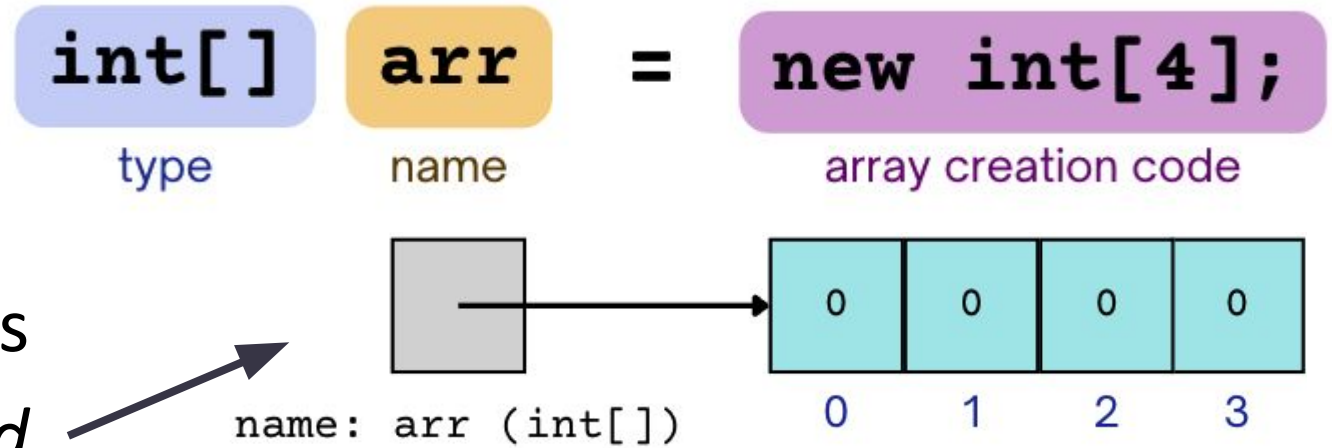
- [New Final Exam](#) web page on class website/calendar; Final exam is on March 14th at 12:30 - 2:20 PM in KNE 110 & KNE 130
- [Programming Assignment 3](#) out; due March 10<sup>th</sup> at 11:59 PM
- [Resubmission Form](#) for R6 out; due March 7<sup>th</sup> by 11:59 PM
- Quiz Grading: Q0 Retakes, Q1 Retakes, **Q2 grades** will come out over coming days—Ed announcements as always!

# Last Time



- Arrays
  - Terminology
    - Element - singular value/object stored in an array
    - Indices - similar to `String` indices; they start at `0`
    - length - Use `arr.length` to get array's length. No parentheses! 💣
    - To access a single element: `arr[i]`—they can be modified!  
ex: `arr[1]++;`    `arr[3] = 7;`    `sarr[i] = "no";`

# Plan For Today



- Arrays Reference Semantics

- Arrays can be *referenced*

- Value Semantics vs. Reference Semantics

- Before: `int a = 3;`

`int b = a; // same as int b = 3; It's a copy!`

- Now: `int[] a = {1};`

`int[] b = a; // Not a copy, a reference!`