CSE 121 – Lesson 16

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Spring 2023

Music: 121 23sp Lecture Vibes 🌸

TAs:

Jasmine  Atharva  Mia  Justin
Shananda  Julia  Archit  Aishah
Vidhi    Anju    Grace    Claire
Larry    Lydia   Kailye   Lydia
Jacqueline  Jonus  Joshua  Kai
Afifah    Hugh    James

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Announcements, Reminders

• P3 will be released later today – last assignment!
  • Focus on arrays!
  • No resubmissions due to the timing at the end of the quarter
• Gumball Visit on Monday, June 5 1:00pm-3:00pm
• Final Exam: Thursday, June 8 2:30pm-4:20pm
  • Left-Handed Seating Request form posted on Ed and closes Mon 5/29 EOD
Final Exam Details

• Final Exam: Thursday, June 8 2:30pm-4:20pm
• In-person, on paper, with assigned seating
• No collaboration – should be completed individually
• You may bring in one 8.5x11-inch sheet of notes, handwritten or typed, double-sided
• Focused on behavior (not style)
• You should make every attempt to write correct Java syntax
• Final Exam Review Session Tuesday, June 6 4:30pm-7:00pm in GUG220
(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];
```

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

```
name: arr (int[4])
```

```
0 0 0 0
```

```
0 1 2 3
```

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

```
0 0 0 0
```

```
0 1 2 3
```
Array Traversal Pattern

```java
for (int i = 0; i < arr.length; i++) {
    // do something with arr[i]
}
```
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]
What would the array a store at the end of this arrayMystery method if 
{-20, 20, 26, 32, 50, 3} was passed in?

A. {-20, 20, 26, 32, 50, 3}
B. {-15, 25, 31, 37, 55, 8}
C. {-15, 25, 31, 37, 50, 3}
D. {-15, 20, 26, 37, 50, 3}