CSE 11
Accelerated Intro to Programming
Discussion Section 7

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This discussion is being recorded

Logistics

- PA6 due today at 11:59PM
- PA7 released
- Exam1 grading in progress

More array and loops

- Array of primitive type:
  - `int[] arr = new int[10];`
- Array of class type:
  - `TextTweet[] arr = new TextTweet[10];`
- Array of interface type:
  - `Tweet[] arr = new Tweet[10];`

More array and loops

- Given an array of integers, return positive integers in the array

```
int[] findPositives(int[] nums){
    int numberPositive = 0;
    for (int num: nums){
        if (num > 0){
            numberPositive += 1;
        }
    }
    int[] positives = new int[numberPositive];
    int index = 0;
    for (int num: nums){
        if (num > 0){
            positives[index] = num;
            index += 1;
        }
    }
    return positives;
}
```

More array and loops

- Given an array of strings, convert the strings into uppercase

```
String[] toUpper(String[] strs){
    String[] upperStrs = new String[strs.length];
    for (int i = 0; i < strs.length; i++){
        upperStrs[i] = strs[i].toUpperCase();
    }
    return upperStrs;
}
```

PA7

- Start early!

Thanks!