

CSE 121

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Winter 2023

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#4074 828



Announcements, Reminders

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

Last Time

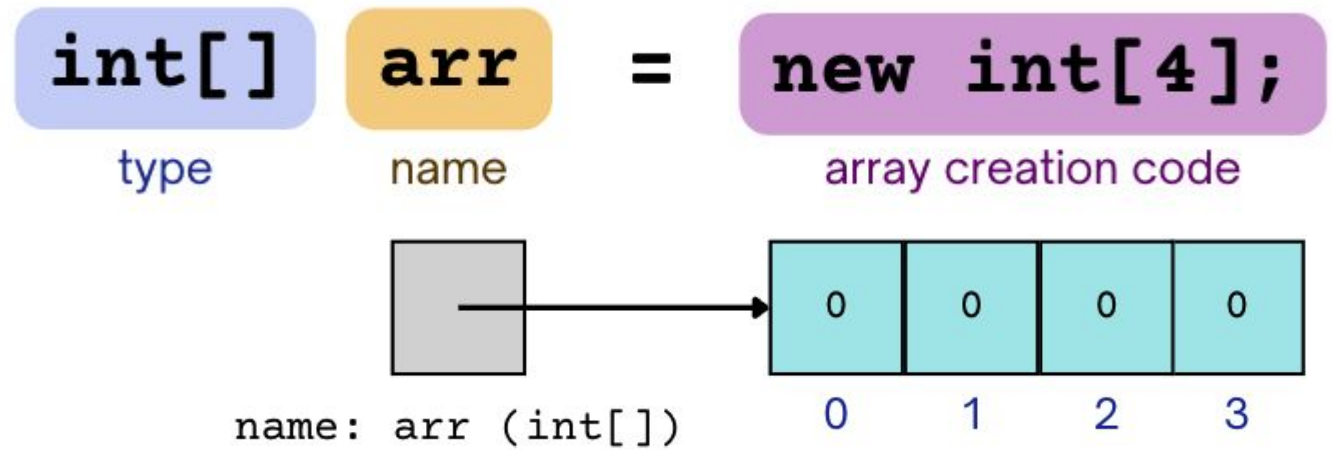
```
Scanner lineScan = new Scanner(<String>);  
Scanner fileScan = new Scanner(<File object>);  
Scanner console = new Scanner(System.in);
```

type name Scanner construction code

- File Input/Output
 - New class used: `File` (need to warn about exceptions!)
 - Need to import `java.io.*`
 - `PrintStreams`
 - `PrintStream` Methods:
 - `output.print(<value>)` - Prints the given value
 - `output.println(<value>)` - Prints the given value and then terminates the line with a newline

```
PrintStream output = new PrintStream(<File Object>);
```

Plan for Today



- 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[i]++`; `arr[i] = 7`; `arr[i] = "no"`;