

CSE 121

Elba Garza

Winter 2023

Join at
slido.com
#2376 121



Announcements, Reminders

- Quiz 2 - February 23rd – 24th, 00:01 to 23:59 (**ONGOING!**)
 - Take-home, same exact format as usual, and no longer!
 - Open for 48 hours, start any time & given 1.5 hours to finish; Accommodations still apply.
 - No retakes though!
 - Can work together; must state with whom!
- Creative Project 3 out; due February 28th at 11:59 PM
- Resubmission Form for R5 out; due February 28th by 11:59 PM

Announcements, Reminders

- Quiz Retake on Tuesday, February 28th:
 - [Retake Form](#) out; due Sunday Feb 26th at 11:59 PM
 - Eligible Quizzes:
 - Quiz 1 - 3rd and final opportunity!
- Quiz 0 retakes grading... sorry, I didn't get to it this weekend! 🙄

Last Time

```
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.*`

- Scanner Methods using Files:

- `fileScan.hasNext()` - Returns true if the Scanner contains another token of input, returns false otherwise.
- `fileScan.hasNextInt()/hasNextDouble()` - Returns true if the Scanner's next token of input is a(n) int/double, returns false otherwise.
- `fileScan.hasNextLine()` - Returns true if the Scanner contains another line of input, returns false otherwise.
- `fileScan.next()` - Scans and returns the next token of input from this Scanner.
- `fileScan.nextInt()/nextDouble()` - Scans and returns the next token of input from this Scanner as a(n) int/double.
- `fileScan.nextLine()` - Scans and returns the next line of input from this Scanner.

Plan for Today

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>);
```