

CSC207.01 2014S, Class 03: An Overview of Java

Overview

- Preliminaries.
 - Admin.
 - Homework.
 - Questions.
- Some notes on Java.
- Lab: Simple Code Reading (more or less).
- Reflection.

Preliminaries

Admin

- Yes, we'll do attendance again today, this time by describing your lab partners for weeks one and two.
- Make sure to sign up for a fifteen-minute interview if you have not done so already.
- Please respond to Earnest's survey if you have not done so already.
 - Review sessions are tentatively Mondays at 7pm.
 - And those will be your best time for HW help.
- I got over 200 email messages from students on Tuesday.
 - (Yes, it's my fault for having students submit homework via email.)
 - So that I can navigate my inbox, It's very important to me that you take the time to title your email messages correctly.
- Just so you know, we're going to continue to learn how to use the lab equipment (so to speak) for the next few classes.
- I will hold a review session tomorrow at 10:00 a.m.
(We probably don't need one yet, but I'd like to get started.)
- Extra credit:
 - Thursday extra on summer research in CS, Thursday @ 4:30 in Noyce 3821.
 - Extra credit: CS Table Friday at noon: 3D Printing (of body parts?).
 - Extra credit: Theatre Gigante Friday evening. Get tickets.

Homework

- Lab writeup: Extra 1.
 - Subject: CSC 207 Writeup 2: Reading Java (*Your Name Here*)
 - Due before class on Friday.
- Reading on Unit Testing for Friday's class.

- HW 2 distributed. Due next Wednesday at 10:30 p.m.
 - Are you happy with the way it's listed in Google calendar?

Questions

When are lab writeups due?

Monday->Wednesday, Tuesday->Friday, Wednesday->Friday, Friday->Monday.

Some notes on Java

- At first, looks like C.
 - Much pickier compiler.
 - Much more verbose. `public static void main (String[] args) throws Exception { }`
 - No explicit pointers
 - Implicit pointers
 - Strings are strings, not `char *`.
 - Nice example: `String result = "hello" + "goodbye";`
 - Generalized: `String result = str1 + str2;`
 - IN C: `char *result = strcat (str1, str2);`
 - IN C: `char *result = strncat (str1, str2, ?);`
 - In C: `char * result = malloc (sizeof(char) * (strlen(str1) + strlen(str2) + 1)); strcpy (result, str1); strcat (result, str2);`

Lab: Simple Code Reading (more or less)

Reflection

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