Java Basics

CSCI 2300

In your assigned reading you learned about

- Java Syntax
- Java Variables
- Java Data Types
- Java Operators

•Any questions?



Variable Scope

- Static (class) variables
- Instance (object) variables
- Local (method) variables













Your 'git' repositories

- Everyone has an account on git.cs.slu.edu
- You have a repository for Spring 2019 CSCI 2300
- Log in to git.cs.slu.edu using your git credentials
- Open a linux terminal and create a directory where you'll store you git repositories
- Clone your git repository: git clone git@git.cs.slu.edu:courses/spring19/csci_2300/<LOGIN>.git Example: git clone git@git.cs.slu.edu:courses/spring19/csci_2300/aguayoj.git

Git Basics

- Add a file with: git add <FILE NAME>
- Commit added files with: git commit -m "Commit comment"
- Push your commits to git.cs.slu.edu git push

Lab Assignment 1

Create lab1 directory in your git repository.

In lab1 directory, write a Java program that calculates and prints the sum of all odd numbers from 1 to 101.

Add, commit, and push your code to git.cs.slu.edu.

DO NOT COMMIT .class files

Lab Assignment 2

Create lab2 directory in your git repository.

In lab2 directory, write a Calculator class with two methods:

- An instance method for calculating the sum of odd numbers from x to y (inclusive)
- An instance method for calculating the sum of even numbers from x to y (inclusive)

Write a "driver" class that instantiates Calculator class (creates an object of type Calculator) and calls the two methods of the Calculator class (choose your own x and y values to pass to the methods).

Add, commit, and push your code to git.cs.slu.edu