CSC 227 Jan 22

Homework Process:

* Connect to lectura.cs.arizona.edu using a secure shell (SSH) terminal program.
* Use a text editor (such as nano or vim) to type in/edit program statements.
* Compile (using javac) the program
* Execute (using java) the program
* Repeat (if necessary!) until program functions as it should

Example:

* nano Hello227.java
* javac Hello227.java
* java Hello227

Turning in process:

* LOGIN to lectura before turning in
* Example:
  + turnin cs227p01 Hello227.java -> turnin <area> <program name>
  + turnin –ls //This will check to make sure you turned in the file

Variables in Java

* Attributes:
  + Name
  + Type
  + Value
  + Location
* Example:
  + Format: <type> <name>, //comment
  + <name>; //comment
  + int height = 5280;
* Oddity:
  + 1\_000\_000
    - This is ok to show that it is a million

Types of Variables

* See Java Primitive Data Types table on today’s second handout
* Naming variable
  + Letter, letter or digits or \_
* Constants
  + final <type> <name>
  + final int DAYS\_W\_WEEK=7;
* Declaring Variables and Constants
  + Int i = 0, j = 1\_024; //is legal
  + Int a = b = 12; //is not legal
  + Int a, b;
  + A = b = 12; //is legal