CIS 1068

January 21, 2020

Administrative Stuff

- Install a JDK, Eclipse
- Start writing code
- Lab 1 due this week
- Lab 2
- Reading: ch. 1-3

Last Time

- More on static methods
- Data types. `int double char boolean String`
- Expressions. Most review. Don’t forget
  - Order of operations (esp L→R when same level)
  - Integer arithmetic. 5/2, 5/2.0
  - modulo `%`
    - $a \% b$ remainder when you divide $a$ by $b$
    - Why?
    - What happens when $a < b \? b = 0$?
- String concatenation
  - `1 + 0 + 0 + "word"
  - "word" + 1 + 0 + 0`
- Variables. Must declare first.
  - `type name;
  - type name = initialValue;`
- Operators
  - `logical < > <= >= ==`
  - `arithmetic += -= *=`