CMSC 131

Fall 2018

Announcements

- Project #2 is due Tomorrow
- Exam #1 is Monday 10/8
- Friday – let's review (BRING QUESTIONS!)
- Next Project assigned on 10/8

Static Methods vs. Instance Methods

- What do these terms mean?
  - instance methods
    - Typical syntax for call
    - Syntax for call from another instance method of the same class
  - static methods
    - Typical syntax for call
    - Optional syntax from within the same class

Instance Variables vs. Static Variables

- local variables
  - What are they and where are they stored
  - Syntax
- instance variables
  - What are they and where are they stored?
  - Typical syntax for access
  - Syntax for access from an instance method of the same class
- static variables
  - What are they and where are they stored?
  - Typical syntax for access
  - Optional syntax from within the same class

Initialization of Variables

Local variables are not given default values

Instance and static variables are given default values.

- What are the values?

- How can we "override" these values?

- Example (Instance vs. Static and initialization)

Dog.java, DogDriver.java