Meeting 2: Operational Semantics

Today

- Answer your questions on Pre-Test 3
- Assignment 1
  - Formalize of WALA IR
    - Subset - needed: Simple 5
      - Subset of Java
      - local/global var
      - assignment
      - control flow (if, loops)
      - data types: int/bool
      - static methods

What is a static analyzer?

Input: Code (in some language) or program P
Output: Facts about P
Concrete syntax

- string - sequence of characters

parser

Abstract syntax

- trees / terms
public final class C {
    static mt x;

    static void main(String[] args) {
        end
    }
}
Questions
Meeting 5

Questions
Exercise 2, Assignment 2
Exercise 1 Qs
PRs lab

Questions
D Go over rule induction (Exercise 1)
D Small step for while