

CS 603: Programming Language Organization

Lecture 6

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Outline

- Questions
- Operational Semantics
 - lots of examples as group work

Example Use of Operational Semantics

- `(val x 1)`
- `(set x 2)`

Pair Up: • Write the judgments for each expression above, using the result of the “val” in the judgment for the “set”

- `(define myAdd1 (n) (+ 1 n))`

Pair Up: • Write the judgments for the top-level above

- `(set i (+ (myAdd1 j) 5))`

Pair Up: • Write the judgments for the top-level above