

cs401, 11 / 3 / 11

- Proj questions?
- Test questions?
- Semantics in cfgs
- Work out some problems from previous tests

Topics for the Test

- Regular languages
- DFAs
- Context-free languages
- LR parsing
- LL parsing
- Grammar engineering
- Semantics for compiler writers (eg type checking)

Semantics in CFGs

- Type checking in English
 - 1. subj-verb, like "I run the bank", "he runs the bank"
 - 2. subj-obj (only for 'be'?), like "he is a tall man"
 - also appositives
 - 3. rel-clause, like "he is the man who runs the bank"
 - 4. when do we need person agreement? "you are the one who runs the bank"