IF-THEN / IF THEN ELSE AMBIGUITY

IF FEWER ELSE PARTS THAN THENS,
HOW TO GROUP IF'S WITH THENS?

IF (A == B) IF (B == C) A = 1; ELSE A = 2;

WHEN IS ELSE PART EXECUTED?

*NEAREST MATCH RULE:
AN ELSE MATCHES WITH NEAREST
UNMATCHED IF

IF (A == B) IF (B == C) A = 1; ELSE A = 2;

WE MUST CHANGE GRAMMAR TO FORCE
CORRECT MATCH

OR
DIRECT PARSER TO MAKE "CORRECT" CHOICE

YOU CAN TEMPORARILY DISABLE IF-THEN OR
IF-THEN-ELSE PRODUCTION
• ROOM CHANGES IN MARCH

OFFICE HOURS
MARCH 9, 12, 16, 19, 23, 26 -
"THE BAR" IN ANDROMEDA

CLASS LECTURES
MARCH 17, 24: DELPHI (IN ANDROMEDA?)

• P1 GRADING:

RETURN GRADE SHEETS
GRADE (MAX) = 100 + 20 EXTRA
GRADE RANGE: 0 - 120, MEDIAN = 110
PROGRAM TESTS AT
WWW.CS.WISC.EDU/
~MENGHUI/CS536/P1.ZIP

AVOID JAVA 8

ROBERT OWEN CONTACT TA
RE JUNIT (NOT ON CS MACHINES)

CONTACT TA FOR CODE THAT HE COULDN'T COMPILE
How to build CSX parser

- Start w/ CSX-lite

- Add a few simple productions, check parser is still happy (no generation errors)

Add Java code to build ASTs for new productions

Add unparsing code to display AST

At some point convert from CSX-lite structure to CSX structure (classes & methods)