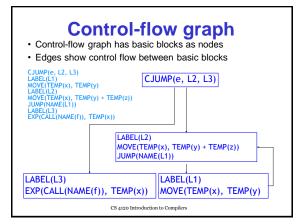


Basic block example

CJUMP(e, L2, L3) LABEL(L1) MOVE(TEMP(x), TEMP(y) LABEL(L2) MOVE(TEMP(x), TEMP(y) + TEMP(z)) JUMP(NAME(L1)) LABEL(L3) EXP(CALL(NAME(f)), TEMP(x))



Fixing conditional jumps

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- Reorder basic blocks so that (if possible) • the "false" direction of two-way jumps goes to the
 - very next block
 - JUMPs go to the next block (are deleted)
- What if not satisfied?
 - For CJUMP add another JUMP immediately after to go to the right basic block
- How to find such an ordering of the basic blocks?

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