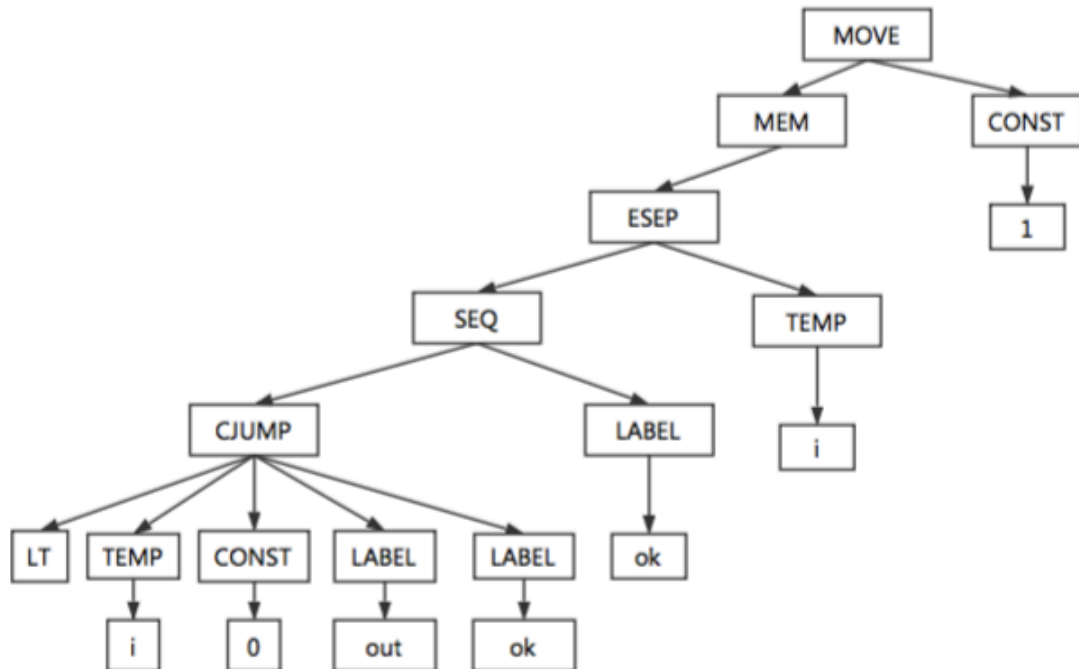


8.2

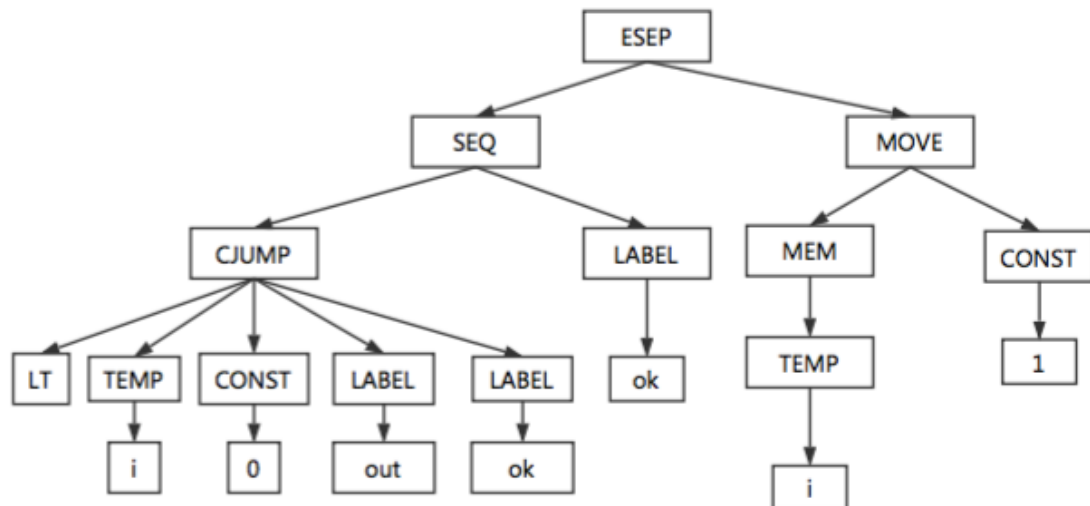
a)

MOVE(MEM(ESEQ(SEQ(CJUMP(LT, TEMP i, CONST 0, LABEL out, LABEL ok), LABEL ok), TEMP i)), CONST 1)



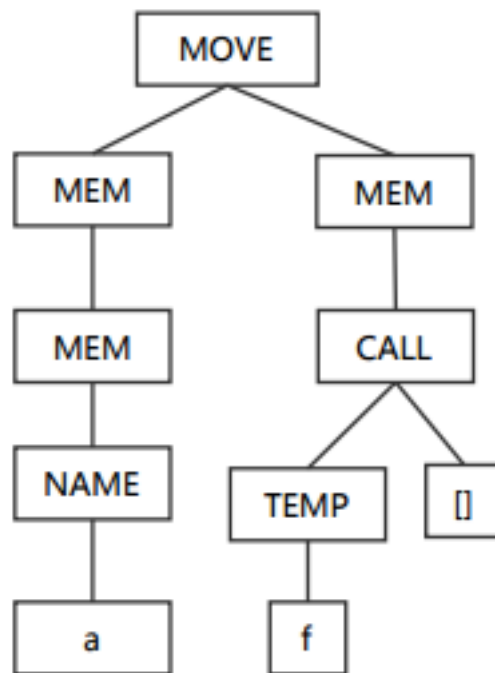
we can rewrite to the expression:

ESEQ(SEQ(CJUMP(LT, TEMO i, CONST 0, LABEL out, LABEL ok), LABEL ok), MOVE(MEM(TEMP i), CONST 1))



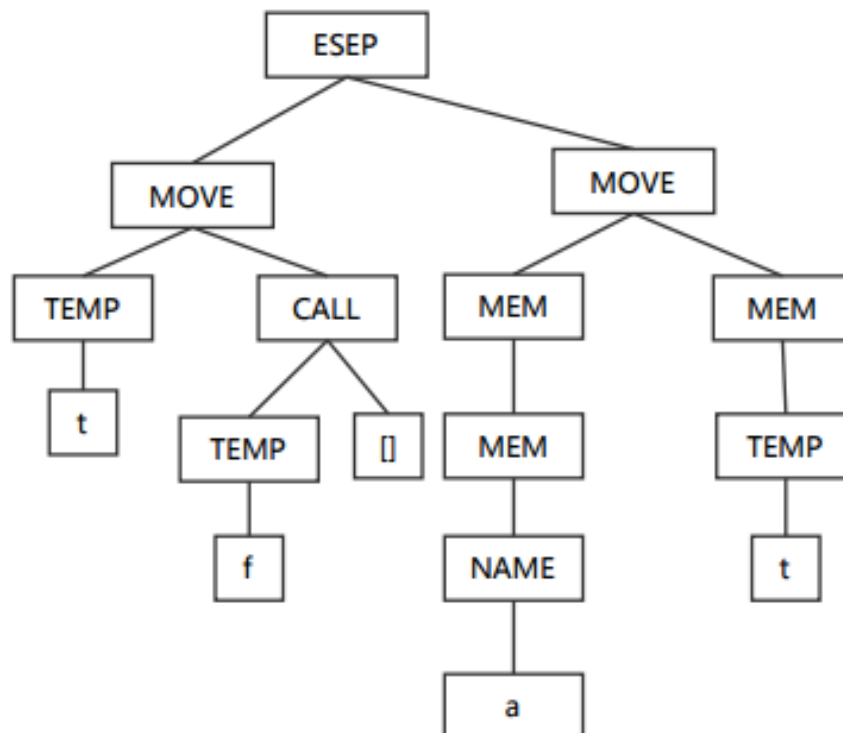
b)

`MOVE (MEM (MEM (NAME a)), MEM (CALL (TEMP f, [])))`



It can be rewritten to this expression

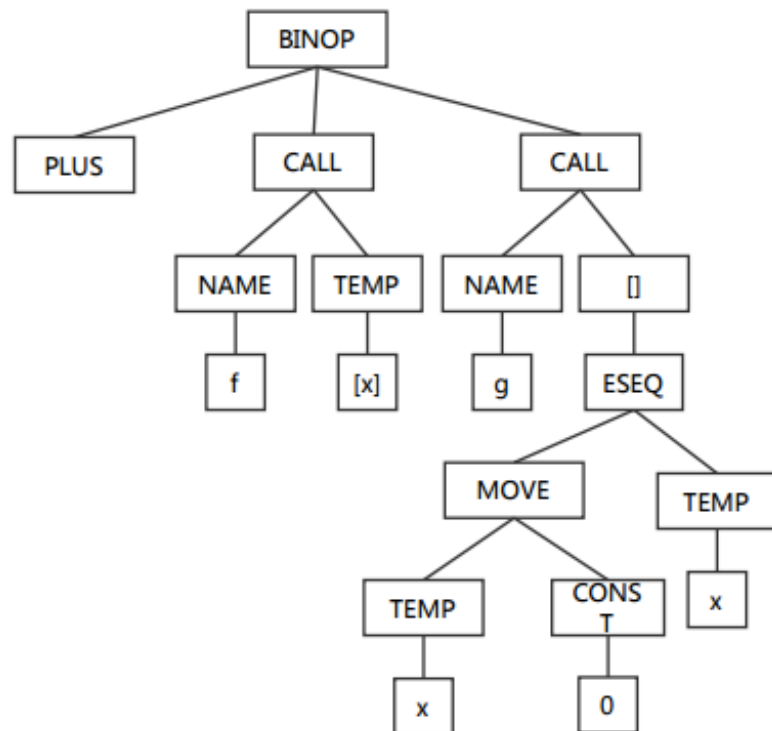
`ESEQ (MOVE (TEMP t, CALL (TEMP f, [])), MOVE (MEM (MEM (NAME a)), MEM (TEMP t)))`



c)

`BINOP(PLUS, CALL(NAME f, [TEMP x]),`

`CALL(NAME g, [ESEQ(MOVE(TEMP x, CONST 0), TEMP x)]))`



can be rewritten to the expression:

