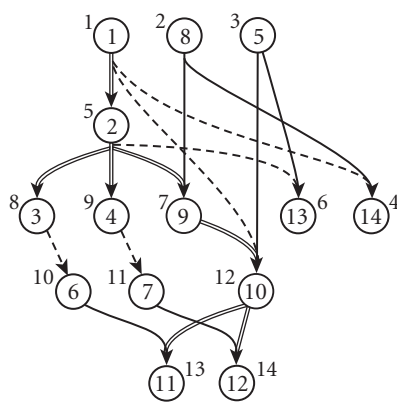


Block 1:
 ... -- code from Block 1, figure 15.11
 v44 := v42 & 01
 if !v44 goto Block 3
 -- else fall through to Block 1a

Block 1a:
 *v26 := 1
 *v34 := 1
 v17 := 2
 v26 := v26 + 4
 v22 := v22 - 4
 v18 := v18 - 1
 goto Block 3

Block 2:
 1. t19 := v13 × v18
 —
 —
 —
 —
 2. t13 := v19 div v17
 —
 —
 —
 —
 3. *v26 := t13
 4. *v34 := t13
 5. t17 := v17 + 1
 6. v26 := v26 + 8
 7. v34 := v34 - 8
 8. t18 := v18 - 1
 9. v19 := t13 × t18
 —
 —
 —
 —
 10. v13 := t19 div t17
 —
 —
 —
 —
 11. *(v26 - 4) := v13
 12. *(v34 + 4) := v13
 13. v17 := t17 + 1
 14. v18 := t18 - 1
 -- fall through to Block 3

Scheduled:
 t19 := v13 × v18
 t18 := v18 - 1
 t17 := v17 - 1
 v18 := t18 - 1
 —
 t13 := t19 div v17
 v17 := t17 + 1
 —
 —
 —
 v19 := t13 × t18
 *v26 := t13
 *v34 := t13
 v26 := v26 + 8
 v34 := v34 - 8
 v13 := v19 div t17
 —
 —
 —
 —
 *(v36+4) := v13
 *(v34+4) := v13



Block 3: (same)

v43 := v17 ≤ v42
 if v43 goto Block 4
 -- else fall through to Block 4