

Synthesized solution for benchmark 01conclloop.c

```

solution
├─ (Partial), cond:  number >= 0
│   └─ {
│       Cond : b12
│       k1 = count = 1; (a5 · () = evA(count); count = count + .i, ?1;) * ¬a5
│       k2 = count = 1; number = nondet(); ((a11 ∧ b12) · () = evA(count); count = count + .i, ?1;) * (¬a11 ∨ ¬b12)
│   }
│   └─ (Partial), cond:  count <= 4
│       └─ {
│           Cond : ¬a5
│           k1 = count = 1; (a5 · () = evA(count); count = count + .i, ?1;) * ¬a5
│           k2 = count = 1; number = nondet(); 1 · ((a11 ∧ b12) · () = evA(count); count = count + .i, ?1;) * ¬a11
│       }
│       └─ (Partial), cond:  count <= 4
│           └─ {
│               Cond : ¬a11
│               k1 = count = 1; 0 · 0
│               k2 = count = 1; number = nondet(); 1 · ((a11 ∧ b12) · () = evA(count); count = count + .i, ?1;) * ¬a11
│           }
│           └─ AComplete
│               └─ {
│                   Axioms : {D = 1, U = 1, T = 1}
│                   k1 = count = 1; 0 · 0
│                   k2 = count = 1; number = nondet(); 1 · 0 · 0
│               }

```

Remaining 12 solutions ommitted for brevity.