Synthesized solution for benchmark Olassume.c

```
solution
_ (Complete), cond: count <= 4
                 Cond: a_5
                 k_1 = count = nondet(); (a_5 \cdot () = printf(count);
                 \begin{array}{l} count = count + i, ?1;) * \neg a_5 \\ k_2 = count = nondet(); 1 \cdot ((a_{11} \wedge b_{12}) \cdot () = printf(count); \end{array}
                 count = count + i, ?1;) * \neg a_{11}
                 (Complete), cond: number >= 0
                               Cond:b_{12}
                               k_1 = count = nondet(); 1 \cdot (a_5 \cdot () = print f(count);
                              count = count + \bot i, ?1;) * \neg a_5
                               k_2 = count = nondet(); 1 \cdot ((a_{11} \wedge b_{12}) \cdot () = printf(count);
                              count = count + i, ?1; ) * \neg a_{11}
                              _ AComplete
                                            \begin{array}{l} Axioms: \{D = 1, E = 1, I = 1, T = 1, U = 1\} \\ k_1 = count = nondet(); 1 \cdot (a_5 \cdot () = printf(count); \\ count = count + \_i, ?1;) * \lnot a_5 \\ k_2 = count = nondet(); 1 \cdot 1 \cdot ((a_{11} \wedge b_{12}) \cdot () = printf(count); \end{array}
                                            count = count + i, ?1;) * \neg a_{11}
                 Cond: \neg a_5
                k_1 = count = nondet(); (a_5 \cdot () = printf(count); \\ count = count + \_i, ?1;) * \lnot a_5
                 k_2 = count = nondet(); 1 \cdot ((a_{11} \wedge b_{12}) \cdot () = printf(count);
                count = count + i, ?1;) * \neg a_{11}
               __ AComplete
                             \begin{array}{l} Axioms: \{D=1, E=1\} \\ k_1 = count = nondet(); 1 \cdot (a_5 \cdot 0) * \neg a_5 \\ k_2 = count = nondet(); 1 \cdot ((a_{11} \wedge b_{12}) \cdot () = printf(count); \end{array}
                             count = count + i, ?1; ) * \neg a_{11}
```

Remaining 42 solutions ommitted for brevity.