

## Synthesized solution for benchmark 01conclloop2.c

```
solution
├─ AComplete
├─  $\left\{ \begin{array}{l} \textit{Axioms} : \{D = 1, I = 1, E = 1, G = 1, T = 1, U = 1\} \\ k_1 = \textit{count} = 1; (a_4 \cdot ()) = \textit{printf}(\textit{count}); \\ \textit{count} = \textit{count} + .i, ?1; ) * \neg a_4 \\ k_2 = \textit{count} = 1; \textit{number} = \textit{nondet}(); () = \textit{printf}(\textit{count}); \\ .fv\_1 = 2; \textit{number} = \textit{scanf}(\textit{fv\_1}); ((b_{11} \wedge a_{12}) \cdot \textit{count} = \textit{count} + .i, ?1; ) * (\neg b_{11} \vee \neg a_{12}) \end{array} \right.$ 
```

*Remaining 238 solutions omitted for brevity.*