

Synthesized solution for benchmark 01toggle.c

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solution
└─ AComplete
    └─ 
$$\begin{cases} \textit{Axioms} : \{b \neq c\} \\ k_1 = B_{\mathbf{i}} = 0; \cdot (a_{\mathbf{i}} < N \cdot N_{\mathbf{n}} = \textit{nondet}(); \cdot (b_{\mathbf{n}} > 0 \cdot T_{\mathbf{t}} = 1; + \neg b_{\mathbf{n}} > 0 \cdot A_{\mathbf{t}} = 0; ) \cdot I_{\mathbf{i}} = \mathbf{i} + \_i, ? \quad 1; ) * \neg a_{\mathbf{i}} < N \\ k_2 = B_{\mathbf{i}} = 0; \cdot (a_{\mathbf{i}} < N \cdot N_{\mathbf{n}} = \textit{nondet}(); \cdot (c_{\mathbf{n}} \leq 0 \cdot A_{\mathbf{t}} = 0; + \neg c_{\mathbf{n}} \leq 0 \cdot T_{\mathbf{t}} = 1; ) \cdot I_{\mathbf{i}} = \mathbf{i} + \_i, ? \quad 1; ) * \neg a_{\mathbf{i}} < N \end{cases}$$

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