

# Synthesized solution for benchmark 00if.c

```
solution
└─ AComplete
   └─ 
$$\begin{cases} \textit{Axioms} : \{V = 1, B = 1\} \\ k_1 = N_{\mathbf{a}} = \textit{nondet}(); \cdot(a_{\mathbf{a}} > 0 \cdot S() = \textit{send}(); \cdot B() = \textit{recv}(); + \neg a_{\mathbf{a}} > 0 \cdot 1) \\ k_2 = N_{\mathbf{a}} = \textit{nondet}(); \cdot(a_{\mathbf{a}} > 0 \cdot S() = \textit{send}(); + \neg a_{\mathbf{a}} > 0 \cdot 1) \cdot V() = \textit{recv}(); \end{cases}$$

```