

## Synthesized solution for benchmark 00arith.c

```
solution
├─ AComplete
  └─  $\left\{ \begin{array}{l} \textit{Axioms} : \{E = 1, b = !c\} \\ k_1 = (a_5 \cdot (b_8 \cdot () = \textit{foo}()); + \neg b_8 \cdot () = \textit{bar}();)) * \neg a_5 \\ k_2 = () = \textit{foo}(); (a_{12} \cdot (c_{19} \cdot () = \textit{bar}()); + \neg c_{19} \cdot () = \textit{foo}());)) * \neg a_{12} \end{array} \right.$ 
```