Synthesized solution for benchmark O3syscalls.c

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 \begin{array}{c} \text{Solution} \\ \hline \\ & Conglete), \ \text{cond:} \ \ x = 0 \\ \hline \\ & Cond: b_{28} \\ & \{a_1 = fv.1 = 1000; c = array.alloc(fv.1); (b_{15} \cdot fv.2 = 1; () = show(fv.2); +\neg b_{15} \cdot 1) \cdot b = getchar(); \\ & \{a_9 \cdot () = array.write(c,b); b = b - i, ?1; ) *\neg a_9 \cdot r = array.read(c); \\ & \{b_2 = a = nondet(); c = array.alloc(a); (b_{28} \cdot fv.3 = 2; () = show(fv.3); +\neg b_{28} \cdot 1) \cdot b = getchar(); \\ & \{(a_{21} \land c_{22}) \cdot () = array.write(c,b); b = b - i, ?1; ) *(\neg a_{21} \lor \neg c_{22}) \cdot r = array.read(c); \\ \hline \\ & A \\
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Remaining 154 solutions ommitted for brevity.