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┌────────────────── MODULE simpleProgram ───────────────────┐
EXTENDS Integers
VARIABLES i, pc

Init    $\triangleq$  (pc = "start")  $\wedge$  (i = 0)

Pick    $\triangleq$   $\wedge$  pc = "start"
            $\wedge$  i'  $\in$  0 .. 1000
            $\wedge$  pc' = "middle"

Add1   $\triangleq$   $\wedge$  pc = "middle"
            $\wedge$  i' = i + 1
            $\wedge$  pc' = "done"

Next    $\triangleq$  Pick  $\vee$  Add1
└────────────────────────────────────────────────────────────────┘

\ * Modification History
\ * Last modified Wed Aug 30 12:14:30 SGT 2017 by Navi-PC
\ * Created Wed Aug 30 12:12:51 SGT 2017 by Navi-PC

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