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MODULE *SimpleProgram*

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EXTENDS *Integers*

VARIABLES *i*, *pc*

*Init*  $\triangleq$   $\wedge pc = \text{"start"}$   
 $\wedge i = 0$

*Pick*  $\triangleq$   $\vee \wedge pc = \text{"start"}$   
 $\wedge i' \in 0 \dots 1000$   
 $\wedge pc' = \text{"middle"}$

*Add1*  $\triangleq$   $\vee \wedge pc = \text{"middle"}$   
 $\wedge i' = i + 1$   
 $\wedge pc' = \text{"done"}$

*Next*  $\triangleq$  *Pick*  $\vee$  *Add1*

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\ \* Modification History  
\ \* Last modified Sun *Sep* 22 22:01:29 *CEST* 2019 by *martin*  
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