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MODULE *SimpleProgram*

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EXTENDS *Integers*  
 VARIABLES *i*, *pc*

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

*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 *Fri Apr 22 00:34:25 EDT 2022* by *luke*  
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