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MODULE *Untitled*

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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 Sun *Sep* 28 01:36:37 *IST* 2025 by *ayush*  
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