────── MODULE *HourClock* ──────

EXTENDS *Integers*

VARIABLES *hr*

$Init \triangleq hr \in (1 .. 12)$

$Next \triangleq hr' = \text{IF } hr \neq 12 \text{ THEN } hr + 1 \text{ ELSE } 1$

$Spec \triangleq Init \lor \Box[Next]_{hr}$

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THEOREM $Spec \Rightarrow \Box Init$

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\ * Modification History
\ * Last modified *Thu Feb* 01 16:08:18 *CET* 2018 by *jordy*
\ * Created *Thu Feb* 01 14:22:35 *CET* 2018 by *jordy*