———————————————— MODULE $access\_control$ ————————————————

modules de base importables
EXTENDS $Naturals,\ TLC$

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CONSTANTS max

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VARIABLES np

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tentative 1
$entrer \triangleq np' = np + 1$
$sortir \triangleq np' = np - 1$
$next \triangleq entrer \lor sortir$
$init \triangleq np = 0$

——

tentative 3
$entrer2 \triangleq np < max \land np' = np + 1$
$next2 \triangleq entrer2 \lor sortir$

——

tentative 3
$sortir2 \triangleq np > 0 \land np' = np - 1$
$next3 \triangleq entrer2 \lor sortir2$

——

$safety1 \triangleq np \leq max$
$question1 \triangleq np \neq 6$

——

1