

START

$N = \text{INPUT}()$

IF  
 $N \% 4 == 0$

T

F

PRINT("NO")

IF  
 $N \% 100 \neq 0$

T

PRINT("YES")

IF  
 $N \% 400 == 0$

F

PRINT("NO")

T

PRINT("YES")

STOP

