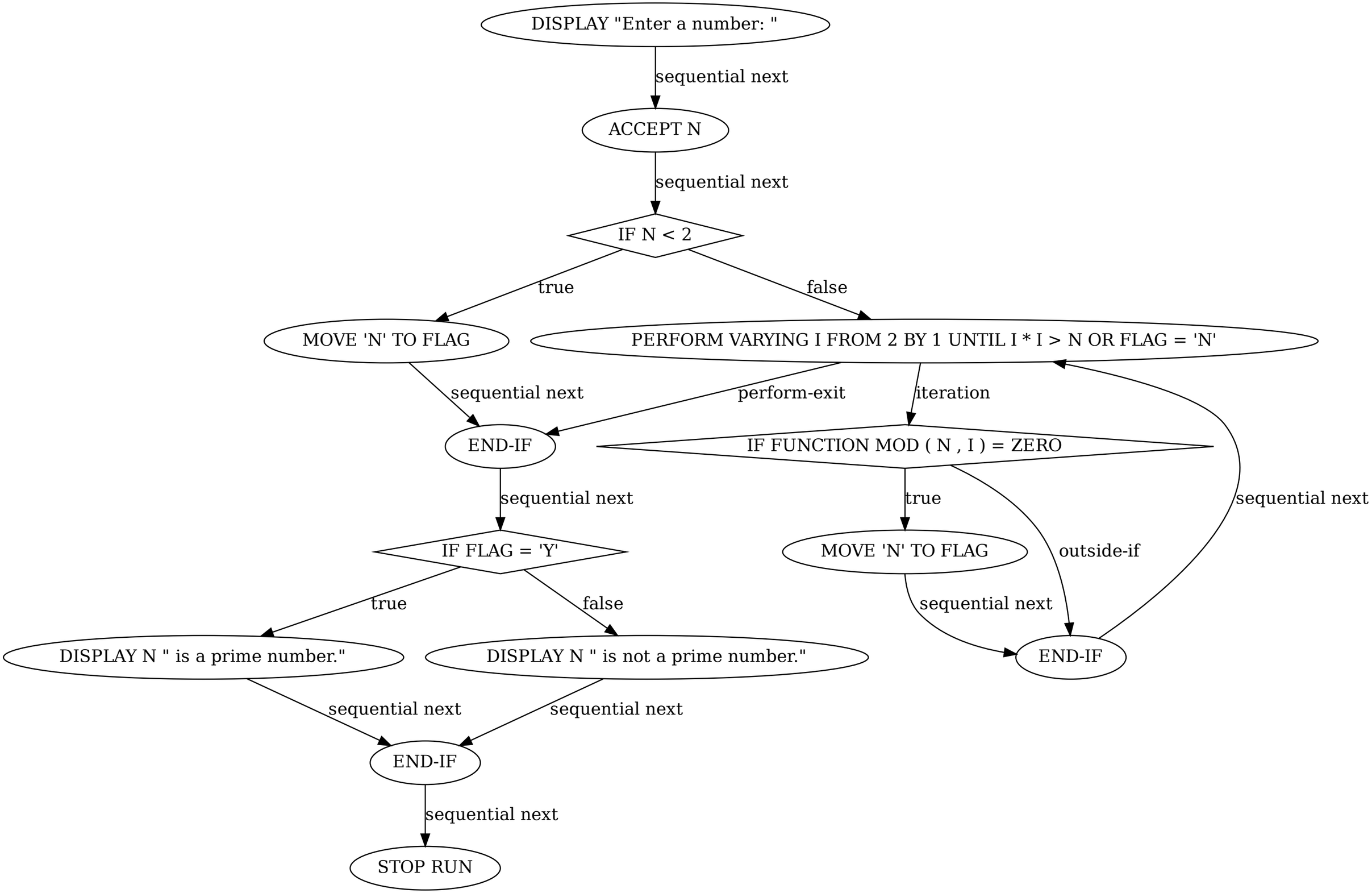
DISPLAY "Enter a number: "
sequential next
ACCEPT N
sequential next
IF N < 2
true
false
MOVE 'N' TO FLAG
PERFORM VARYING I FROM 2 BY 1 UNTIL I * I > N OR FLAG = 'N'
sequential next
perform-exit
iteration
END-IF
IF FUNCTION MOD ( N , I ) = ZERO
sequential next
true
sequential next
IF FLAG = 'Y'
MOVE 'N' TO FLAG
outside-if
true
false
sequential next
DISPLAY N " is a prime number."
DISPLAY N " is not a prime number."
END-IF
sequential next
sequential next
END-IF
sequential next
STOP RUN

test