.MODEL SMALL

.DATA

STR1 DB "ANDN"

N DW N-STR1

STR2 DB 5 DUP (?)

MSG1 DB "PALINDROME$"

MSG2 DB "NOT PALINDROME$"

.CODE

MOV AX,@DATA

MOV DS, AX

MOV ES, AX

MOV CX, N

LEA SI, N

DEC SI

LEA DI, STR2

NEXTCHAR:

MOV AL, [SI]

MOV [DI], AL

DEC SI

INC DI

LOOP NEXTCHAR

LEA SI, STR1

LEA DI, STR2

CLD

MOV CX, N

REP CMPSB

JNZ UNSUCCESS

LEA DX, MSG1

JMP DISP

UNSUCCESS:

LEA DX, MSG2

DISP:

MOV AH, 09H

INT 21H

MOV AH, 07H

INT 21H

MOV AH, 4CH

INT 21H

END