include emu8086.inc

org 100h

print 'Input:'

MOV AH,1

INT 21H

printn ' '

MOV BL,AL

MOV BL,2

DIV BL

CMP AH,0

JE L1

print "Output: this is odd number"

JMP EXIT

L1:

print "Output:this is even Number"

jmp exit

EXIT :

MOV AH,4CH

INT 21H

END

