ORG 1000H

TABLAA DW 1,1,7,7,2

TABLAB DW 0,1,2,3,10

CONT DB ?

ORG 3000H

SUBR: PUSH BX

MOV BX, SP

ADD BX, 4

PUSH DX

PUSH AX

MOV DX, [BX]

ADD BX, 2

MOV BX, [BX]

MOV AX, [BX]

IF: CMP DX, AX

JNS FINS

MOV [BX], DX

POP AX

POP DX

FINS: POP BX

RET

ORG 2000H

MOV CL, OFFSET TABLAB - OFFSET TABLAA

MOV CH, 0

MOV AX, OFFSET TABLAA

MOV BX, OFFSET TABLAB

BUCLE: CMP CL, 0

JZ FIN

PUSH AX

MOV DX, [BX]

PUSH DX

CALL SUBR

POP DX

POP AX

CMP DX,10

JNZ NOINC

INC CH

NOINC: ADD AX, 2

ADD BX, 2

SUB CL, 2

JMP BUCLE

FIN: MOV CONT, CH

HLT

END