**ΟΝΟΜΑΤΕΠΩΝΥΜΟ:** Σάββας Ρηγίνος

**ΑΜ:** 1072762

**EΤΟΣ:** 3ο

ASK3:

ΜVI A,24H

OUT 10H

MOV D,A

MVI A,3CH

MVI B,00H

MVI C,03H

AIS EISODOU:

INR B

SUI 0AH

CALL COUNTDOWN

RET

AIS EKSODOU:

DCR B

JZ CONT2

RET

COUNTDOWN:

DELAY

DCR A

JNZ COUNTDOWN

CALL CONT

RET

DELAY3S:

DELAY

DCR C

JNZ DELAY3S

RET

CONT:

MVI C,03H

MOV A,D

MVI A,44H

OUT 10H

CALL DELAY3S

MVI A,81H

OUT 10H

CONT2:

MVI A, 82H

OUT10H

MVI C,03H

CALL DELAY3S

MVI A, 24H

OUT 10H

JMP ASK3