**ΟΝΟΜΑΤΕΠΩΝΥΜΟ:** Σάββας Ρηγίνος

**ΑΜ:** 1072762

**EΤΟΣ:** 3ο

**Α)**

RAND:

LXI H,2200H

MVI B,35H

MVI C,80H

RAN1:

MOV A,B

RLC

RLC

RLC

XRA B

CMA

RLC

MOV A,B

RAL

MOV B,A

MOV M,A

INX H

DCR C

JNZ RAN1

HLT

**Β)**

ASKB:

LXI H,2200H

LXI D,2280H

MVI B,80H

MOV C,M

LOOP:

MVI A,3AH

CMP C

JC CONT

MOV A,C

ADI 27H

SUI 62H

MOV A,C

CONT:

INX H

XCHG

MOV M,C

INX H

XCHG

DCR B

JNZ LOOP

HLT