

```

1.      MOV SI,500H
        MOV DI,800H
        MOV CX,50H
XX:     MOV AL,[SI]
        MOV [DI],AL
        INC DI
        INC SI
        LOOP XX
        RET

2.      MOV SI,500H
        MOV DI,800H
        MOV CX,50H
XX1:    MOV AL,[SI]
        MOV AH,[DI]
        MOV [SI],AH
        MOV [DI],AL
        INC SI
        INC DI
        LOOP XX1
        RET

3.      MOV SI,1000H
        MOV CX,50H
        MOV AH,00
POS:    MOV AL,[SI]
        AND AL,10000000B
        JNZ JUMP
        INC AH
JUMP:   INC SI
        LOOP POS
        MOV [2000H],AH
        RET

4.      MOV DI,400H
        MOV CX,10H
        MOV AL,00
AG:     CMP AL,[DI]
        JNC JUMP
        MOV AL,[DI]
JUMP:   INC DI
        LOOP AG
        MOV [500H],AL
        RET

```

5. אותו הדבר רק במקום JNC להחליף JC .

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6.      MOV     DI,600H
        MOV     CX,25H
AGIN:   MOV     AX,[DI]
        XCHG   AL,AH
        MOV     [DI],AX
        INC    DI
        INC    DI
        LOOP   AGIN
        RET

7.      MOV     BX,1000H
        MOV     AH,50H
        MOV     CL,4
AGIN:   MOV     AL,[BX]
        ROL    AL,CL
        MOV     [BX],AL
        INC    BX
        DEC    AH
        JNZ   AGIN
        RET

8.      MOV     BX,400H
        MOV     CX,10H
        MOV     AX,00
        MOV     DX,00
AD:     MOV     AL,[BX]
        ADD    DX,AX
        INC    BX
        LOOP   AD
        MOV     [500H],DX
        RET

9.      MOV     BX,200H
        MOV     CX,10H
        MOV     AL,00
BC:     ADD    AL,[BX]
        DAA   AL
        INC    BX
        LOOP   BC
        MOV     [300H],AL
        RET

10.     MOV     DI,500H
        MOV     CX,50H
        MOV     AL,55H
        MOV     AH,00
CP:     CMP    AL,[DI]
        JNE   JUMP
        INC    AH
JUMP:   INC    DI
        LOOP   CP
        MOV     [600H],AH
        RET

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11.  MOV    DI,500H
      MOV    CX,25H
      MOV    AX,2233H
      MOV    DH,00
CP:   CMP    AX,[DI]
      JNE    JUMP
      INC    DH
JUMP: ADD    DI,2
      LOOP  DP
      MOV    [600H],DH
      RET

```

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12.  MOV    BX,2000H
      MOV    CX,50H
ML:   MOV    AX,2
      MOV    DL,[BX]
      MUL   DL
      MOV    [BX],AL
      INC   BX
      LOOP  ML
      RET

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13.  MOV    BX,2000H
      MOV    CX,50H
      MOV    DL,2
DV:   MOV    AH,00
      MOV    AL,[BX]
      DIV   DL
      MOV    [BX],AL
      INC   BX
      LOOP  DV
      RET

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14.  MOV    BX,2000H
      MOV    CX,50H
AD:   MOV    DL,[BX]
      ADD    DL,10H
      MOV    [BX],DL
      INC   BX
      LOOP  AD
      RET

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15.  MOV    BX,100H
      MOV    CX,10H
      MOV    AH,00H
WW:   MOV    AL,[BX]
      CMP    AL,22H
      JC    DALEG
      INC   AH
DALEG: INC    BX
      LOOP  WW
      MOV    [200H],AH
      RET

```

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16.  MOV    BX,100H
      MOV    CX,10H
      MOV    AH,00H
WW:   MOV    AL,[BX]
      CMP    AL,22H
      JC    DALEG
      CMP    AL,55H
      JNC   DALEG
      INC   AH
DALEG: INC    BX
      LOOP  WW
      MOV    [200H],AH
      RET

```