

LAB-9

Cursor to specific location.

MODEL SMALL

DISP MACRO MSG

LEA BX, MSG

MOV AH, 09H

INT 91H

ENDM

DATA

ROW DB 02 DUP(0)

COL DB 02 DUP(0)

MSG1 DB 0DH, 0AH, "ENTRE X-COORDINATE"

MSG2 DB 0DH, 0AH, "ENTRE Y-COORDINATE"

MSG3 DB 0DH, 0AH, "CURSE DISPLACEMENT
CORRECT COORDINATE\$"

CODE

MOV AX, @DATA

MOV DS, AX

DISP MSG1

MOV SI, OFFSET ROW

CALL READ

DISP MSG2

MOV SI, OFFSET COL

CALL READ

MOV SI, OFFSET ROW

MOV AH, [SI]

SUB AX, 3030H

AAD

MOV DI, AX

MOV SI, OFFSET COL

MOV AH, [SI]

INC SI

```

MOV AL, [SI]
SUB AX, [SI]
SUB AX, [SI]
SUB AX, 3030H
AAD
MOV DL, AL
MOV AH, 00
MOV AX 03H
INT 10H
MOV AH, 09H
INT 10H
JMP FINAL

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PROC NEAR

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MOV CX, 02H
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BACK: MOV AH, 01H
      INT 21H
      MOV [SI], AL
      INC SI
      DEC CX
      JNZ BACK
      RET

```

READ ENDP

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FINAL: MOV AH, 01H
      INT 21H
      MOV AH, 4CH
      INT 21H
      END

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