

READ X,Y COORDINATES

MODEL SMALL

DISP MACRO MSG

LEA DX, MSG

MOV AH, 09H

INT 21H

ENDM

.DATA

ROW DB 02 DUP(0)

COL DB 02 DUP(0)

MSG1 DB 0DH, 0AH, "ENTER X - COORDINATE: "

MSG2 DB 0DH, 0AH, "ENTER Y - COORDINATE: "

.CODE

MOV AX, @DATA

MOV DX, AX

DISP MSG1

MOV SI, OFFSET ROW

CALL READ

DISP MSG

MOV SI, OFFSET COL

CALL READ

MESID
RAZZ

MOV SI, OFFSET ROW

MOV AH, [SI]

INC SI

MOV AL, [SI]

SUB AX, 3030H

AAD

MOV DH, AL

MOV SI, OFFSET COL

MOV AH, [SI]

INC SI

MOV AL, [SI]

SUB AX, 3030H

AAD

MOV DL, AL

; CLEAR SCREEN

MOV AH, 00

MOV AL, 03H

INT 10H

MOV AH, 02H

INT 10H

JMP FINAL

MESID
RIZZ

READ PROC NBAR

MOV CX, 02H

BACK: MOV AH, 02H

INT 21H

MOV [SI], AL

INC SI

DEC CX

JNZ BACK

RET

READ ENDP

PINAL: MOV AH, 07H

INT 21H

MOV AH, 4CH

INT 21H

END.