Prog 9:- Read x & Y co-ordinate and display cursor at that position on the screen

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```
.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-CO-ORDINATE:  $ "
MSG2   DB    0DH  , 0AH ,  " ENTER  Y-CO-ORDINATE:  $ "


.CODE
    MOV   AX, @DATA
    MOV   DS, AX
     DISP   MSG1
    MOV   SI, OFFSET  ROW
    CALL  READ
     DISP   MSG2
    MOV  SI,  OFFSET  COL
    CALL  READ
    DISP / MSG2
    MOV  SI ,
```

```asm
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  AH, [SI]
INC  SI
MOV  SI , DL  AL, [SI]
SUB  AX, 3030H
AAD
MOV  DL, AL
MOV  AH, 00
MOV  AL, 03H
INT 10H
MOV  AH, 02H
INT  10H
JMP FINAL
READ  PROC  NEAR
        MOV  CX, 02H
BACK : MOV  AH, 01H
        INT  21H
```

```asm
        MOV [SI], AL
        INC SI
        DEC CX
        JNZ BACK

RET
READ ENDP
FINAL:  MOV AH, 01H
            INT 21H
            MOV AH, 4CH
            INT 21H
            END
```