Write an ALP to store given elements in an array and print them.

5,6,7,9,1

DATA: DB 0X3

DB 0x5

DB 0x6

DB 0x7

DB 0x9

DB 0x1

start:

MOV CX, 6

MOV SI, OFFSET DATA ; setting SI with the starting address of the Array DATA, i.e first element in ; the array

LOOPX: ; Starting of the loop

MOV DL, BYTE DS[SI] ; moving element to print in DL

ADD DL, 48 ; add 48 to DL value's equivalent in ASCII,

; which will be equialent ASCII of the element read from the ARRAY

MOV AH, 0X2 ; mov 0x02 in AH towrite the character on screen (standard output)

INT 0X21 ;its software interrupt. OR general function dispatcher

INC SI

LOOP LOOPX ; Loops ends here

HLT