```
beadecon :- 1
 Name 1- Yogeshel
 USH:- (BM19CS188
 MODEL SMALL
; MACRO TO DISPLAY THE MESSAGE ....
 DISPLAY MACRO MSG
         LEA DX, MGG
         MOV AH, O9H
         INT 2H
ENDH
DATA
LIST DB OH, OSH, O7H, 10H, 12H, 14H
NUMBER EQU ($-LIST)
KEY DB LOH
MSGI DB ODH, OAH, "FLEMENT FOUNDS!
MSG2 DB ODH, OAH, 6'SEARCH FAILED!! ELEMENT
                    NOT FOUND IN THE COSTS
. CODE
START: MOV AX, @ DATA
        MOY DS, AX
        MOV CH, NUMBER-1; HIGH WALUB
       MOY CL, OOH; LOW VALUE ...
AGAIN: MOV AXSI, OFFSET LIST
       XOR AX, AX
       CMP CL, CH
       JE NEXT
       JNC FAILED.
```

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NEXT: MOU AL, Ch :: AL = 00H

ADD AL, CH : AL = 00HOS = 06

SHR AL, OIH

MOV BL, AL ; BL -> INDEX OF MIDELE

XOR AH, AH ; CHEAR AH

MOV BP, AX

MOV AL, DS: CRP][SI]

CMP AL, KEY

JE SUCCESS

JC INCLOW

MOY CH, BL

DEC CH

JMP AGAIN.

INCLOW! MOV CL, BL ING CL JMP AGAIN

SUCCESS: DISPLAY MSGI JMP FINAL

FAILE D: DISPLAY MSG 2

PINAL: MOV AH, 4CH INT 21H

EVD START