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Benary Search Perogeram - 1
· MODEL SMALL
DISPLAY MACRO MSG
LEADX, MSG
MOVAH, D9H
INT 21H
ENDM
·DATA
LTST DB 01H, Q5H, D7H, 10H, 12H, 14H
NUMBER EQU (\$-LIST)
KEY DB 10H
MSGI DBODH, OAH, "ELEMENT FOUNDIN THE
THLIST\$"
MSG2 DB DDH, DAH, "SEARCH FAILED!! ELEMENT NOT FOUND IN THE LISTS"
KKMKNI NOT FOUND IN THE LISTS
·CODE
START: MOV AX, @DATA
MOVDS, AX
MOV CH, NUMBER-1
MOV CL, OOH
AGAIN: MOV SI, OFFSET LIST
XOR AX, AX
CMP CL, CH
JE NEXT
JNC FAILED
Teacher's Signature :

NEXT: MOV AL, CL ADD AL, CH SHR AL, O1H MOV BL, AL XOR AH, AH MOV BP, AX MOV AL, DS: [BP][SI] CMP AL, KEY JE SUCCESS JC INCLOW MOV CH, BL DEC CH JMP AGAIN INCLOW: MOVCL, BL INCCL JMP AGAIN SUCCESS: DISPLAY MSG1 JMP FINAL FAILED: DISPLAYMSG12 FINAL: MOVAH, 4CH INT 21H ENDSTART