Binary Search · model small display made msg lea dr. msg mor ah, 09H int 21H LIST db 01H, 05H, 07H, 10H, 12H, 14H NUMBER equ (\$-LIST) KEY db 012H msg1 db Odh, Oah, "Element found &" msg2 db Odh, Oah, "Seauch failed &" · code Start: mor ax, @data mov ds, ax mov ch, NUMBER-1 again: lea si, LIST mor ax, ooH cmp cl, ch je next jnc fail next: mov al, cl add al, ch

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Shee al, DIH mov bl, al mov ah, ooh mov bp, an mov al, ds: [bp][si] emp al, key je success ic inclow mor ch, bl dec ch smp again inclow: mor cl, to be jmp again
success: display msg1
jmp final
failed: display msg2
final: m o mov an, 4th
int 21H

end start

