MP Lab 3 Program - Bineary Search

. model small display macro msg
ka dt, msg
mov ah, 09h

list db OIh, 05h, 07h, 10h, 12h, 14h

number equ (\$-list)

Start: MOV ax, @ data

norch, number - 1; high value ... ; low value. mov d, ook

again: movsi, offset list xos ax, ax

comp a, ch

je next

inc failed next: mor al, cl

add al, ch mor bl, al xor ah, ah

nov op, ax

mov al, ds: [bp][si] comp al, key je indow nov ch, bl dec ch jump again inclow: nov d, bl jump again
Succes: display msg 1
jump final

and Start.