	Lab Program 1
	Birry Scatch
	Mare - TUSHAR PAI
	· MODEL SMALL USN - 18M19 CS174
	; Macro to aluplay message.
	DISPLAY MACRO MSG
	LEA DX, MSG
	MOV AH, O9 H
	TNT 21H
	ENDM
	. DATA
	LIST DB OIH, 05H, 07H, 10H, 124, 14H
	NUMBER EQU (\$-LIST); number is having value 6.
0 1111	KEY DB LOH
	MSG 1 DB. ODH, OAH, "Element found in the list !"
	MS to 2 DB ODH, OAH, "Starch failed. Elevent not found \$"
	4.05
	· CODE
	START; MOV, AX, QDATA
	MOV DS, AX
	MOV CH, NUMBER-1; high realise 6-1=5
	MOV CL, OOH ; love realing.
	ALDERY MAY OF DESCRIPTION OF LEAST LIGHT
	AGAIN: MOV SI, OFFSET-LIST; LEASI, LIST
	XOR AX, AX; MOV AX, ODH.
	CMP CL, CM; SUBtration of CL-CM.
	JE · NEXT TAIC FATIED : Subskie
	JNC FAILED.

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NEXT: MOV AL, COL; AL = OOM. ADD AL, CH : AL=00+05=05 SHR AL, OIM MOV BL, AL XOR AH, AH ; Clear AH. MOV BP, AX MOV AL, DS: [BP][SI] THE SUCCESS; If equal, Display success message IC INCLOW MOV CH, BL DEC CH. ; (H will have index of middle -) clevent. JMP AGAIN INCLOW: MOV CL, BL; If Key KA[I] shift land
INC CL; Ch will have index of moddle +1 elevent JMP AGAIN.

SULLESS: DISPLAY MSGI. JMP FINAL.

FAILED: DISPLAY MSG2. FINAL : MOV AM, HCH INT SIH.

END START.