	(Mash. 128) costantu : de l
(01)	Binary Search.
	· Model Small
	, MACRO TO DISPOLAY THE MERAGE
	Display Macro MSG
:	LEA DX, MSG
	MOV AH, OGH SOUL) WIND
	INTERNA BION
	ENDM
	· Dota
	· Data bire motor
	NUMBER EQU (\$-LIST)
	KEY DB 012H
	MSG1 DB ODH "Element found in list s"
	MSG2 DB ODH, " Search Cailed !! Element
	MSG2 DB ODM, "Search failed!! Element not found in the list \$"
	· CODE
	Start: Mov and, @ Dala
	MOV DS, AX
	MOV CH NUMBER 1
	MOV CH, NUMBER-1; HIGH value
	, LOW value.
	Again: MOV SI, OFF SET LIST
	XOR AX, AX
	CMP CL, CH JE NEXT
B. 7	JNC FAILED
	Nent: MOV AL, CL
	ADD AL, CH
1	SHR AL, OIH : DIVIDE BY 2
	MOV BL, AL XOR AH, AX : Clear AH
	XOR AH, AX : Clear AH

MOD BPCAD
MON
MOV BP, AX
De a François
CMP AL, KEY; Cmp Key and JE SUCCESS A[1]
JE SUCCESS A[1]
JC Inclow
MOV CH, BL ; If Key> A[1] Shift high
DEC CH
JMP Again
Inclow: MOV CL, BL : if key < A[I] INC CL Shif Low IMP Again
Success: Display MSG1 Imp final
Failed: Display MSG2; JOB OVER.
Final: MOV AH, 4 CH INT 21H
END Start