	MOHAMMED ARDUL HAMED IBMIGCS202 Lab 1	3-D
*	Binary Search	
	· MODEL SMALL	XVB 25.858.2
	I MACRO TO DISPLAY The MESS AG	it was
	DISPLAY MACRO MAGO	ting the ware
	LEA DX, NSG	11 Loding objective Add 3 11sq
	MOV A1-1,09+1	
-	INT 2H	
(1030 200	ENDM Some loted man	01-1-4-1-11
	A TOTAL AND MANAGEMENT AND A STREET AND A ST	Mark Men.
	. DATA	9.09.
W. U.	LIST DB OIH, OSH, DTH, WH, 12H, 14H	
r	NUMBER EQU ( \$-LIST); number here	279 having value 6
(*.	KEY DB 10H	y 200 233 1 538
	MSUI OB ODH, OAH, " Element For	und in List \$"
	MSG2 DB adH, OAH, "SEARCH FAIL	
a d		A 170 WH
	Acres 4 - 1 101 Av. Com Cl	111 29 3 7 4
2.00	110000	war France I 18
\$ 1	MOV CH, NUMBER -1	Highwalke Ed 55
1/1:	MOV CLIOOH	; LOW VALUE
· A : 13	33 Vort	4 9 9
S. 17	AGAIN: MOV SI, OFFSET LIST	LEASI, LIST
	XOR AX, AX 3 MOV A	CLOOH
	CMP cLICH; subtraction	2 CH2-CH
	JE NEXT	0
	JNC FAILED // JNC -	Jump no carry
The sales of the s		

NEXT: MOV ALICL ; AL = DOH
100 NICH 1 N = 00 - 105 = 05
SHR AL, OHT , Divide by 2 -> AL will have index 3 models
MOV BLIAL; BL= index & middle cland
XOR AH, AH; Clears AH
MOV BP, AX
MOV AL, DS: LBP] [S]
CMP AL, KEY ; compare KEY and AU]
JE SUCCER ji equal display success may
JC INCLOW
MOV CHIBL ; IF Key>ALI] SHIFT HIGH
DEC CH; Chuill have index of madeclement
JAP AGAIN
INCLOW: MONCLIBL SIFIKEYLAUS SHIFILOW
INC. CL ; CL will have index 3 mode +1 elem
JMP AMPIN
SUCCESS: DISPLAY MSGI
SMP FINAL.
FAILED: DISPLAY MSG2
FINAL: MOV AH, 4CH
INT 21H
END STAPT
Fantastic