	(ab. Por armore)
	Lab. Programe 1 Binary Search:
	2)1 waysworms
\mathcal{L}	model small
	5 To display MS07 we use
	DISPLAY MACRO MSG
	LEA DK, MSG
	MOU AH, O9H
	IN 7 21H
	ENDM.
	DATA
	CIST- DB OIH, OFH, 10H, 19H, 14H
	NOMBER EQU &-LIST; Number has the value 6
	VEA DR 104
	MSGA DB ODH, DAH, "ELEMENT FOUND IN THE
	MSG2 DB OPH, DAH, (1 SEARCH UNSCESSFUL!
	ELEMENS NOT FOUND IN TH
	LTST \$11
	CODE
	START: MOU AX, QUARA
	MOU DS , AX
	MOU CH, NUMBER-1; HIGH VALUE
	MOU CL, DOH ; LOW VALUE
	AGAIN: MOU SI, DEESET LIST &
	XOR AX, AX
	CMP CL, CH
	JE NEXT
	JNC FAIL

	NEXT - MOU AL, CL
	APD AL, CH : first terom & loss terom
***************************************	SHR AL, OTH DIVIDE by 2
	MOU BLIAL ; so now Bupoinding to
	i midale derm
	XOR AH, AH 3 Cleaning AH
	mov BP, AX
	MOU AL, DS: [BP][S]) ; there BP helps to
	CMP AL, KEY ; point location
Left.	CMP AL, KEY ; grownt location JE SUCCESS : at medale form
	JC 1400, H 470, H
	MOU CH, BL 3 here y. KEY Smidterm, Jish kum
	DECTIFIC CH : will be midlement
	IMP AGAZON,
	Maria Cara Cara Cara Cara Cara Cara Cara
ALCONO.	HIGH = MOU CLIBL
	INC CL ; CL-) Indux of midt
	IMP AGAIN
	SUCCESS: PISPLAX MSG-1
17	JMP FINAL
21	No Transition (no sec 9)
	FAIL: DISPLAY MSGQ
-	MANUAL VA WINE ' LOO'S
	FINAL: MOU AN, OUCH
	TW791H
	FNDSTART
	CALAD THE VIEW OF THE PROPERTY
	USHA

DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Progra... X ENTERED STRING IS NOT A PALINDROME 2C:\MASM>edit BinarySearch.asm 2C:\MASM>masm BINARYSE.ASM:; 2Microsoft (R) Macro Assembler Version 5.00 Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved. 0 51458 + 465086 Bytes symbol space free 0 **O Warning Errors** 2 0 Severe Errors 2c:\MASM>link BINARYSE.OBJ:: Microsoft (R) Overlay Linker Version 3.60 2Copyright (C) Microsoft Corp 1983-1987. All rights reserved. ²LINK: warning **L4021: no stack segment** C:\MASM>BINARYSE ELEMENT FOUND IN THE LIST 1c:\masm>