Date: 17/10/20  RUBBLE SORT  . MODEL SMALL  DISPLAY MALRO MSG.  LEA DX, MSG.  MOV AH, 09H  INT 21H  ENDM  . DATA  LIST OR 02H, 01H, 24H, 0PHHI, 09H, 05H  NUMBER EAU \$-11ST  MSG1 DB ODH, OAH, "1>> SORT IN ASCENDING OFFER \$"  MSG2 DB DOH, OAH, "2>> SORT IN' DESCENDING OFFER \$"  MSG3 DR ODH, DAH, "3>>> EXIT \$"  MSG3 DR ODH, DAH, "3>>> EXIT \$"  MSG3 DR ODH, DAH, "3>>> EXIT \$"
DISPLAY MACRO MSG  LEA DX, MSG  MOV AH, OTH  INT 21H  ENDM  ORTA  UST OR OZH, OTH ZMH, OFMHI, OTH, OTH  NUMBER EQU \$-UST  MSGI DR OPH, OAH, "1>> SORT IN ASCENDING BORR \$"  MSGZ DR ODH, OAH, "2>> SORT IN DESCENDING BORR \$"
MODEL SMALL  DISPLAY MACRO MSG  LEA DX, MSG  DIOV AH, 09H  INT 21H  ENDM  DATA  LIST OR OSH, OIH 34H, DE4H, D9H, D5H  NUMBER EQU \$-11ST  MSGI DR OPH, OAH, "1>> SORT IN ASCENDING BREE\$"  MSG2 DR OOH, OAH, "2>> SORT IN DESCENDING BREE\$"
MOV AH, OPH  INT 21H  ENDM  DATA  UST OR OSH, OIH 24H, OF4H, OPH, OSH  NUMBER EAU \$-UST  MSGI DR OPH, OAH, "1>> SORT IN ASCENDING PREP\$"  MSG2 DR ODH, OAH, "2>> SORT IN DESCENDING PREP\$"
MOV AH, OPH  INT 21H  ENDM  DATA  UST OR OSH, OIH 24H, OF4H, OPH, OSH  NUMBER EAU \$-UST  MSGI DR OPH, OAH, "1>> SORT IN ASCENDING PREP\$"  MSG2 DR ODH, OAH, "2>> SORT IN DESCENDING PREP\$"
INT 21H  ENDM  DATA  UST DR 02H, 01H, 24H, 0F4H, 09H, 05H  NUMBER EAU \$-UST  MSG1 DR ODH, OAH, "1>> SORT IN ASCENDING PROPER "  MSG2 DR DDH, OAH, "2>> SORT IN DESCENDING PROPER "
ENDM  DATA  UST OR OZH, OIH, ZYH, OFYHI, OZH, OSH  NUMBER EQU \$-UST  MSGI DR OPH, OAH, "1>> SORT IN ASCENDING BRER\$"  MSG2 DR DDH, OAH, "2>> SORT IN DESCENDING BRER\$"
NUMBER EQU \$-UST  MSGI DE ODH, OAH, "1>> SORT IN ASCENDING BREES"  MSG2 DE ODH, OAH, "2>> SORT IN DESCENDING BREES"
NUMBER EQU \$-UST  MSGI DR ODH, OAH, "1>> SORT IN ASCENDING PREES"  MSG2 DR ODH, OAH, "2>> SORT IN DESCENDING PREES"
MUMBER EQU \$-UST "  MSGI DB ODH, OAH, "1>> SORT IN ASCENDING BREES"  MSG2 DB ODH, OAH, "2>> SORT IN DESCENDING BREES"
msg1 DB ODH, OAH, "1>> SORT IN ASCENDING BREES"  msg2 DB ODH, OAH, "2>> SORT IN DESCENDING BREES"
msg2 DR DDH, DAH, "2>> SORT IN DESCENDING DERES"
MSGS DR ODH DAH, "3>> EXITS" YOU
MSGY DR ODH, DAH, "ENTER YOUR CHOICE :: \$"
MSGS DB DDH, OAH, "INMAUD CHOICE ENTERED "
CEHED DA AHON
• C ODE 39. (121) . BL
START: MOV AY, @DATA 10 STALL TROLA
mou Ds, Ax 12 341
UEA SI, 115T 200911 9711
MON CH, NUMBER-1; CL STORES NUMBER OF ELEMENTS IN LIST
DISPLAY MSGI ; DISPLAY THE MENU
DISPLAY MSG2
DISPLAY MSG3
DISPLAY MSGY
MOV AH, OIH
INT 21H DED CONTRO DE VOIT E DEMANA
SUBALAC, 30H Man
COMP AL, OITH ; INPUT DI ) SORT IN ASCENDING OFDER
JE ASCSORT
CMP AL, OZH ; INPUT = 2 ! SORT IN DESCRIPTING ORDER
RAJDHANI°

\	
	JE DESSORT
	COP AL, OZH , INPUT = 3 PEXIT
1	JE FINAL
	DISPLAY MSGS
\ <u></u>	JOH FINAL
	ASCCORT & MOV BL , OOH
	AGAIN: MOVSI, OFFSET UST
	· DOV CL, OOH ; J VALUE
	MOV BH, CH
	BURUBH BON WINNELL STREET
	NPACS : CMP CL BH
* 3.3	JNC NEXT TO SEE THE SE
	aller aller move Alle Colo es s'', la person and a some
	mov "BP not He of hard the
	CMP AL, DS: [BP][SI]
	COL NOPE INSTITUTE MAIN DIEM AND ASSESSED
	XCHG AL, [SI+1]
	XCHG CSID, AL
	A JOPE & LALO
	1016 61
	1000
The top of the	NEXT : INC BC
	Ologon ou con ou
	10 000 CH 10000
	JC AGAIN COOK WANNER
	JMP FINAL
	DECEMENT : MAIN
	DESSORT: MOV BL, OOH
	AGAINZ: MOV ST, OFFSET UST
	MOU CL, OOH : JOURIUS
99999	MOU BH, CH
	SUB BH, BL
90000 10	NPASSI: COMP CL, BH
The state of the s	₹ RAJDHANI

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	INC NEXT
	mov AL, CSD
	mov BP 0141
	CMP AL, DS : CBPJCSIJ
	JNC - MOPE!
	XCHG AL, CSI+I)
	XCHG CSID, AL
	-NOPEI: INC CL
	INC SI
	JMP NPASS 1
	NEXT 1: INC BL
	CMP BUL, CH
	JC AGAINS
	FINAL: MOV AH, YCH
	INT 21+1
	END START
	END START