

Data transfer	return Tohan	
- Diany way		
Mov Rn, add	mant to	
Mov Rn, QRi		
	2,0	
Mov add, add	R2K-Ro	
the MOUX A, QRi -> Read.	, flip for writing	
MOUX A, @ DPTR	9,343	
040 000	10/A ti8	
entr. I MOVC A, QA+PPR Rom [MOVC A, QA+PC		
	2, Weger !	
Rush add M(SP) = M	(add)	
	SP) Misa	
Vall 2 P. Bil add	A bbA	
SWAP A => 86 >68 (techanges the	
La Rolagel add the hour first	2 mibbles)	
	1A Jum	
control flow	A end	
ACALL add 1 100 190	CINE Rylerilad	
LCALL add 16	#n, sel	
AJMP add 11 - 2 byte	DJNZ Rn, Ital	
LJMP add 16 - 3 byte	(1st degrenant Ros	
SJMP Rel - 2 byte	· sheck if zero	
RET - 1 byte	y har goo way	
RETI	83 190	
JZ Iel	12 12	
	A 2 10	
JC rel		
	re A 2 add content	
CINE A add sel & & it	not equal, jump to	
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Page No. povalues, 1st stored at 50H, seprets to MOV R3, #10 MOV Ro, # 50H MOV R5, #0 MOV A, QRO INC RO LOOP: DEC R3 ADD A, QRO INC Next INC R5 Nent: CINE R3, #0, loop MOV R4, A Stop: SJMP Stop 40 values, 1st stored in 50H, check of 25 present MOV RO, #50H R2, #40 MOV A, QRO INE A, #25, Forward

MOV R3, 0 => 0 repers to R0. We can't

forward

forward STOP STMP STO forward: INC RO DJNZ R2, loop CLRA STOP: SJMP STOP

pesembler directive	
EQU P.º, #3.14.	
# Sort 40 nos, starting from 5011	
MOV RO2, # 800 40	
loop 2: MOV RO. #50H	
mov R3, 2	
Jon DEC R3	
logs Is MOV A, QRO	
INC. RO MOV RE, A CLR E, A	
SUBB A, @ RO	
JC Nent	1/10
MOV A, R5	12
XCH A, QRO DEC RO (CC) AD	
MOV @ RO, A SWAP	18
INCRO	
Nent: NJNZ R3, loop!	
DJN Z R2, loop 2	
STOP: SIMP STOP	
They would be seen to ROUS A HAVE	
Culsouting	
SWAPPER: MOV A,	0_
ACALL SWAPPER XCH A,	
DEC RO	
08-09 mov @r	
SP>09 INC RO	
RET	-

