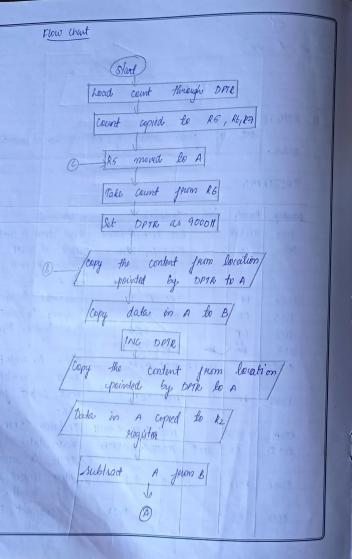
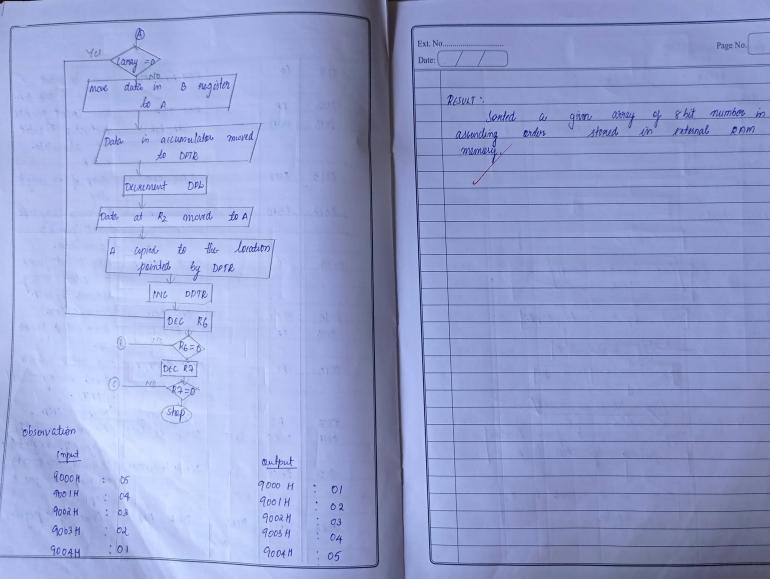
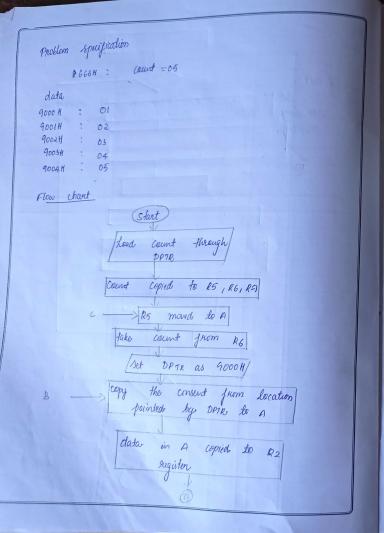


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Jule: (	<i>αυ / -                                  </i>	42)								
			SORTI							
			SUKII							
n	OIM !		1,							
	Sent a given array of & bit number in ascending									
	Order.									
	PROGRE	m'.	14							
				Name of the last						
	Memory	Hen code	Label	Instructions	Comments					
	8000	90: 86:6		MOV DPTR, # 8666H	move DPTR to 8666H					
	8003	60		MOVX A, CDPTR	count at 8666H					
		100	199	ALTERNATION IN	addressed by DPTR moved					
		133	91.54	Part March 1	Bo A.					
	8004	14		DEG A	decoument the count					
	8005	FD		MOV R5, A	copying the count lo					
	8006	FE		MOV RE, A	3 register PS, R6, R7.					
	8009	FE	Lee	mov RA, A	J					
	8008	ED	LOOP 1:	mov A, R5	move the content gram					
					A5 to accumulator A					
	8009	FE		MOV RE,A	move content your Ato					
					D6.					
	800A	90:90:00		MOV DOTR, # 9000H	Inihalise pote to 9000H.					
	800 D	EO	LOOP	MOUX A, @ DPTR	more data addressed by					
					DPTR to accumulator					
	800€	FSFO	100	MOV BIP	more content from Ato					
					B nigitis					
	8010	A3		INC DATE	incument DPTR					
				V						

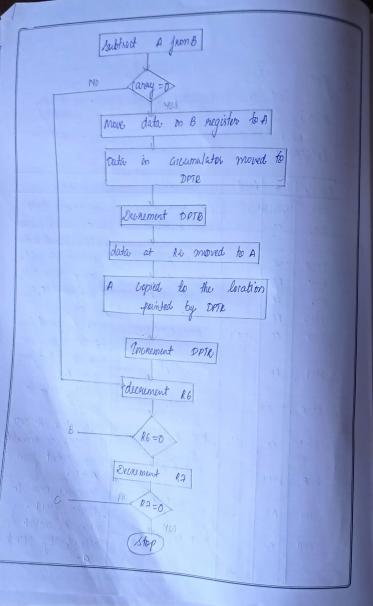


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Date: /									
8011	60		MOUX A, @ DPTR	move the content					
			M G L L L	addrened by DPPR to A.					
8012	FA		mov R2, A.	move condent grom A to B					
8013	95 FD		SUBB A18	subtracting the antent					
		1-1-1	Million St. Co.	at accumulator					
		\	30 3	with B.					
8015	3008		ING SKIP	gump of no carry to					
				skip.					
8019	75F0	1	MOV A18	If having carry more					
				content from B to					
			The state of the s	aceumulatos.					
8019	FO	A give	MOV X @ DPTR, A	move content from A					
			A STATE OF THE STA	to external memory					
			1111 1111	addressed by DPTR.					
8010	1582		DEC DPL	Decrement BPTB					
8010	EA		MOV AIRZ	move antent framete					
			Carlo Carlo	A.					
8010	Po		MOUX COPTR, A	move content from A to					
				catusal memory address					
				by DPTR.					
8016	A3		INC DPTR -	increment DPTR.					
801F	Dtec	SKIP	DINZ RG, LOOP	Decrement countal R6					
				and jump if non protolog					
8021	DFE5		DINI R. 7, LOOPI	secrement count at R7					
13 11				and jump non govo to					
	18103		-	loopi.					
8022	SOFE	HERE	SIMP HERE	end of the program					
-8 va a	8010	1	Comp rickt	7 7					
100	1303		The second second	The same of the sa					





xt. No	0	/			Page No.					
2)	Airo: Sort a given array of ebit number in desinding									
	order .									
	PROGRAM:									
	Memory	Hex	Label	Instructions	Comments					
	8000	90: 86: 66		MOV DATE , # 8666H	MOVE DETR to 8666H					
	8003	€0		MOUX A @ DPTR	by DDTK moved to A.					
	8.004	14		DEC A	decrement the count.					
	8006	FD		MOV R5,A	I capying the count to					
	8-006	FE		MOV RGIA	} 3 rugistors R5, R6,					
	8007	FF		mov RA, A	D RA					
	8008	ED	LOOP 1	MOV A (55) R5	more the content from					
					R5 to accumulator.					
	8009	FE		MOV RG, A	more the content from					
				The state of the s	A to R6.					
	8000	90:90:00		MOV DPTR, # 9000 H	initialising DPTE to					
					9000H.					
	800 D	Eo	LOOP	MOVX A COPTR	Data adous in DPTR.					
					is moved to accumulate					
	800E	F5F0		mov B, A	move content from					
					A to B.					
	8010	A3	TELL	INC DPTR	Increment DPIR to					
					Heach 9001H.					
	8011	To		MOUX A, @ DOTE	move the content					
			/		addressed by DATE to					
					A.					



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Date.	8012   FA		10.0	MOV RZ, A	move content from A to		
	00100				R2 .		
	8013	95F0		-AA SUBB A1B	autracting the consent of assumulates with B.		
					at assumulates with B.		
	8015	4008		JG SKIP	Jump of carry to skip.		
	0	Ccoa		INOV A18	If not having carry,		
	8019	F5F0	. 11	WIND PLE	more content Jum sto A.		
	80 19	FO		MOUX @ DOTR, A	mare content from		
					A to extural numary		
	9. 10	1582		Dto DPL	addrused by DPTR.		
	801A 801C	(A)		MOV PLRZ	more untent from wto.		
	801D	Fo		MOUX @DPTR, A	move content years A to		
					extunal memory		
					addressed by DPTR.		
	801ê	A3		ING DPIR	Inchement DPTB		
	801F	DEEC	SKIP	DINZ RG, SKIP LOOP	Decrement count at		
					R6 and at jump to loop y		
					non zero to loop		
	8021	D\$65		DUNZ RA,600PT	Desument count at		
					R7.and jump to loop)		
					if non zoro.		
	80 22	80FE	HERE	SIMP HERE	End of the program.		
				Residence of the last	THE RESERVE OF THE PARTY OF THE		
			1	METALS SOLVED			

## observation output input 9000H : 01 9 000H : 05 90014 : 04 9001H : 02 9002H : 03 90024:03 9003 H : 02 9004H : 01 9003H: 04 9004H: 05

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