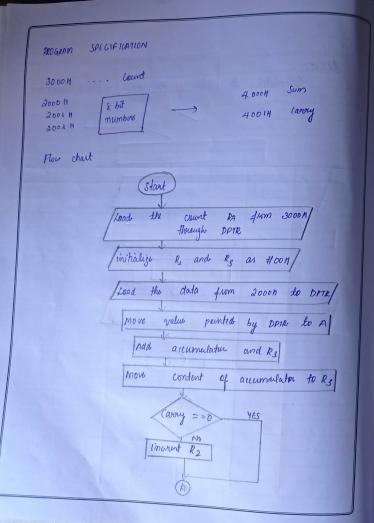
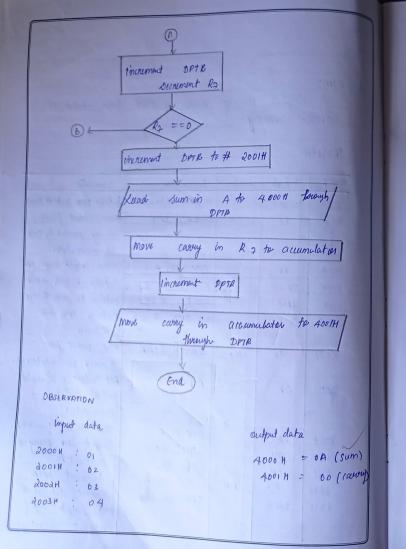


	Page No.										
Date:	ate: (28 / 6 / 2 a)										
	SUM OF SERIES										
a)	Alm:										
	find the sum of N-natural numbers										
	PROGRAM:										
	20			1 0 1 15 1	Consists						
	Memory water	Hex code	Label	Instructions	Comments						
	8000	90,2000		MOV DPIR, # 2000 H	Britialize DPTR with						
				n a DOTA	2000 H.						
	8003	60		MOVX A, @DPTR	by DPIR to A.						
					by DPTR 10 H.						
	8004	FA		MOV R2, A	move confert from						
					A to R2.						
	8005	7801		mov Rs ,# OIH	Initialize L3 with OIH.						
	8007	7400		MOV A, # 00H	initialize A with ooth						
	8009	28	LOOP	ADD A, R3	Add content of A and						
					R5.						
	800A	OB		INCR3	incument R3						
	800 B	DAFC		DJNZ R2, LOOP	Decrement the data						
					in R2 and Jump to						
					label 'LOOP' if value						
	800 D	A3			not equal to o						
	800D	A3		INC DPTR							
	800€	PO		MOVX @ DPIR,	A Same sum of sories						
					in external memory						
	800 C	80F€	HERE	STIMP HERE	End, the program						

Page No. OBSCRVATION RESULT: Calculated the sum of the grove natural numbers. 2000H: 05 H 2001 H: 15 OF



Ext. N	Ext. No										
				gent towards "							
8.	AIM:										
	7711.7	Calculate	sum of	series of 8 bill	data stoned at						
	extun										
		Calculate sum of series of 8 bit data stored at external memory.									
	PROGRA	PROGRAM									
					1 -1						
	Memory	Hencode	Label	Instructions	comments						
	8000	903 000	10 10	MOV DATE, # 3000H	mitialize orre with # 300011						
	8003	En		MOVX A, @ DPTR	move content from						
		4 4			memory painted by DPTR						
	18/1/9	10 0000	3 19 19	The second	to accumulates.						
	8004	FF		MOV RA, A	move content from A toRA						
	8005	7p 00	11/2	MOV R2, # 00H	initialize R2 with # 00H						
	800 F	7800		MOV R3 , # 00H	mithalize R3 with # DOM						
	8009	902000		MOV DPTR , # 2000H	initialize DPIR with						
			Ara t		# 2000H						
	8000	60	Loop	MOVX8 A , @ DPTR	more content from						
					memory pointed by DPTRH						
	800D	28		ADD AIR3							
					Add confent of accumulate and R3 and stone in						
					accumulato 1						
	800 €	FB		MOV 23, A	Move content from A to B						
/ wind	800 F	5001	No.	ING SKIP	Jump to Skip yeary =0						
N. S. San	8011	OA		INC R2	inverement R2.						
	8012	A3	SKIP	ING DPTR	Increment DPTR						
	8013	DFF 7		DJNZ R7 , LOOP	Decrement data at RA						
	0010	VII.		21,000	and jump to loop if						
					decrement value not eginal)						



()/				Page No.			
Date:					1 i del non with			
	8015	904000		MOV DPTR , # 4 000H	initialize DPIB with			
					# 4000H			
	8018	FO		MOVX @ OPTR, A	move content from			
					accumulates to memory			
					pointer by DOTR.			
	8019	EA		mov A1 R2	nove content from &2			
	80 1A	A3			increment DPTB			
	801 B	Fo		MOUX Q DATE, A	move content from			
					accumulator to			
				100	memory pointa			
	8010	80 F E	HERE	STMP HERE	and program.			
		1	1					
	RESULT:		The state of the s	!				
		calculated	sum e	l, given natural	mumbers and swo d at external			
	of a	sonies	of 8	bit duta storie	a at exictive			
	mum	rosuj.		The second of				
6		U						
//	07/	/						
	DILO		- 111	4				
	246							
				Saki -				