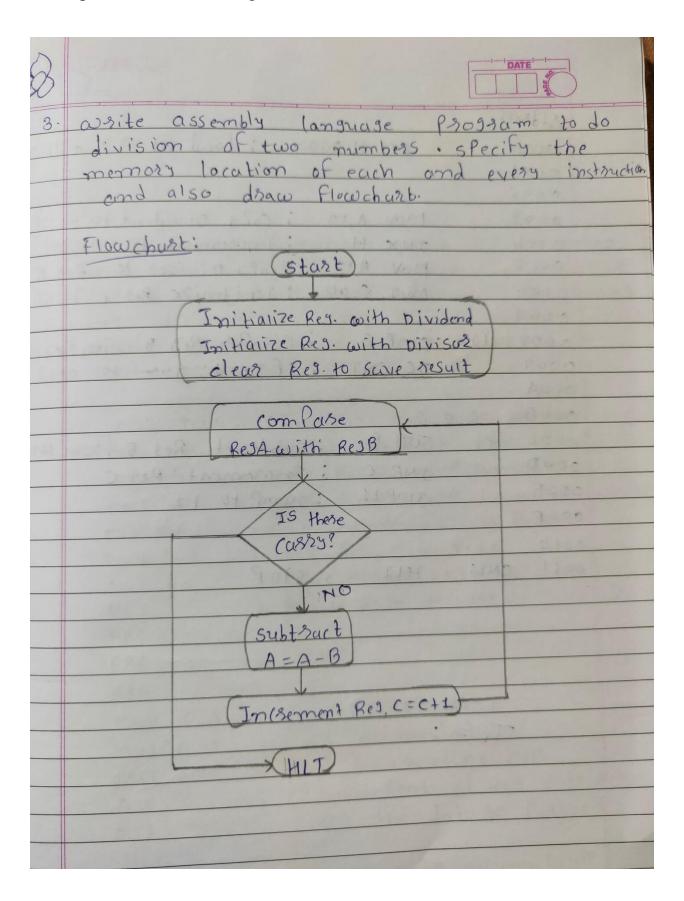
Class Work

7	· 10 data bytes are stored in memory
	1 - 11
	marcal arrespos at 1'C in the
	ctase this count in correction
	memory locations Door to onwards.
	LXI H, 2051 ; load HL Paiz with 2051
	IXI D, Dool ; land DF Pail with Dool
	MVJ A, OA ; Initialize Accumulator to CA
100P.	STA 4050; stose A to memosy hoso-
2001.	mov A, M ; copy memory content to A
	JNX H; Increment HI pair
	MVI C,08 ; Initialize c to 08
	nvI B,00 ; Initialize B to 00
	CALL STARTE of call subsoutine Stust
	LDA 4050 6 ; load memosy noso to A MINUS
	DCR A ; pecsement Accumulator
	JNZ LOOP; Jump to Loop if 2=0
	PLUS
the state	To a south of the consultant which were to
START:	RRC; Rotate Accumulator risht EN
500 19	JNC END ; Jump to END if CY=0.
	INR B : Increment Res B
NO:	DCR C ; Decrement Reg C
To Contract to	JNZ START; Jump to START if z = 0
The state of	MON A.B; COPY Reg B to Reg A
	STAX D; store Accumulator to memory(DE)
S. Princes	INX D ; Increment Reg Pair OF
	RET ; Return
	# ORG 2051H
	# DB OSH, 033H, OUH, 08H, 09H, 05H, 033H, OUH, 08H, 09H
	11 00 001/001/001/001/001/001/001/

2.	cosite an 8085 AIP to count positive
	and negative duta bytes from 10
	bytes stored and locations and on wards
	Store court of positive doity butes in
	docation Gooth and count of negative
	data bytes on location 5001H.
7 3	and the state of t
	[XIH, 3001; load HL Pair with 3001
	MUI D, DO ; Initialize Reg D to 00
•	MVI F,00 ; Initialize Reg E to 00
	MUI BOA ; Initialize Reg B to UA
2-1010	+ A D
START:	Thou Ath ; copy memory content to ResA
	ADI 00 ; Add coo to Accumulate?
	JM MINUS ; jump to MINUS if 5=1
	JP Plus ; jump to Plus if 5=0
	JP POS JUMP 10 1200 III S
MINUS!	INR D; Increment Reg D
	JMP END ; Jump to END
Plus:	INR E ; In Crement Reg E
END:	DER B ; Decrement Reg B
	TAIZ START; Jump to START if 7=0
	· coly Reg & to Res A
	esA 4001 ; store Accumulator to 4001
	MAY AD : COPY Reg D to Reg A
	STA 6002; Store Accumulator to 5001
	HLT ; StOP
	# ORG 300 L
	# DB OSH, 83H, ONH, 88H, 09H, 85H, 33H, 84H, 08H, 09H



	DATE
Address	the state of the s
0000	LXI H, 2000; load HI Pais with 200
0001	a free was to mortional renomance
0002	il la Dad
0003	TNX H; Copy Dividend to RegA. INX H; Increment HL Pais
0005	May BM Goly Divisor to Ked D
0006	MVI C,00 ; Initialize Reg C to 00
0007	Lating they has significal
0008	11: CMPB ; Compare Reg B with Res A
0009	JC CNT; if (Y=1; Jump to CNT
000A	
0000	(Company)
0000	SUB B; subtract Res B from ResA
0000	INR C; In Gement Reg C
000E	JMP LI ; Jump to 12
000F	7 30957 115
0010	1117 1200
0011	CNT: HLT ; STOP
	\$ Just \$ dated
	T - ·

-	
	- William of the state of the s
	A BCD member between and 99 is stored in a memory location named INBUF. corrier a main Propoun and subsoutine to convert the BCD number into its equivalent binory number. store the result in a memory location called OUT BUF.
	MUI DOA : Initialize Res D to OA IN 08 : Inplut the duta from Port 08 MOV B. A ; Coly Res B to Accumulates ANT OF ; AND Accumulates content withof
	MOV A,B ; COPY Red B to Red A
	ANT FO ; AND Accumulator with FO RRC ; Rotate Right Accumulator
	RRC 1000 1000 JAMES
	RRC 2 2 1 10 10 10 10 10 10 10 10 10 10 10 10 1
	MUI A,00 3 cleas Accumulatos
	ADD C; Add content of Reg c to Reg A
	HLT ; STOP E to Accumulator
	DORD; pecrement Res D JNZ MUL; Jump to Mul if Z=0
	RET 3 Return

G2 5

5.	A Railway Gossing signal has two flushings. 1 ights sum by a mi Go computer, one light is connected to data bit DF and the is connected to data bit DF and the second light is connected to data bit D6. second light is connected to data bit D6. asite a pso gram to turn each signal asite a pso gram to turn each signal asite alternately on and off at interval of 2 second let's Assume, f = 3the
	T=1=0,33MS
	T=1=0.33,45
-	MVI D, AA 2=THXT
	TI = T x LOOP T-Stat x COUNT
	START: MOV A, D 25 = 0.33 X 10 6 X 111 X COUNT
7 92	RICHARD & FOLL IN STATE OF THE PARTY OF THE
	MOV DA COUNT = 2
341	LXI 8 1976
	LXI B, D548 COUNT \$ 54600
	DELAY: DCX B GT COUNT = D548H
	XTHL 16T. A GUARANTE CONTRACTOR
	XTH LOAD AR A SING A SI
	XTHL Total Delay = Total
	XTHL -1227 = 32x0.33 + 25
	XTH2 = 10.56 MS + 25
	MVIA, FF 77 = 2 Second.
	ANA B UT
	ORA C WI
And	JNZ DELAY10
	JMP SIART
	9.15
	STATE OF THE PARTY TON THE