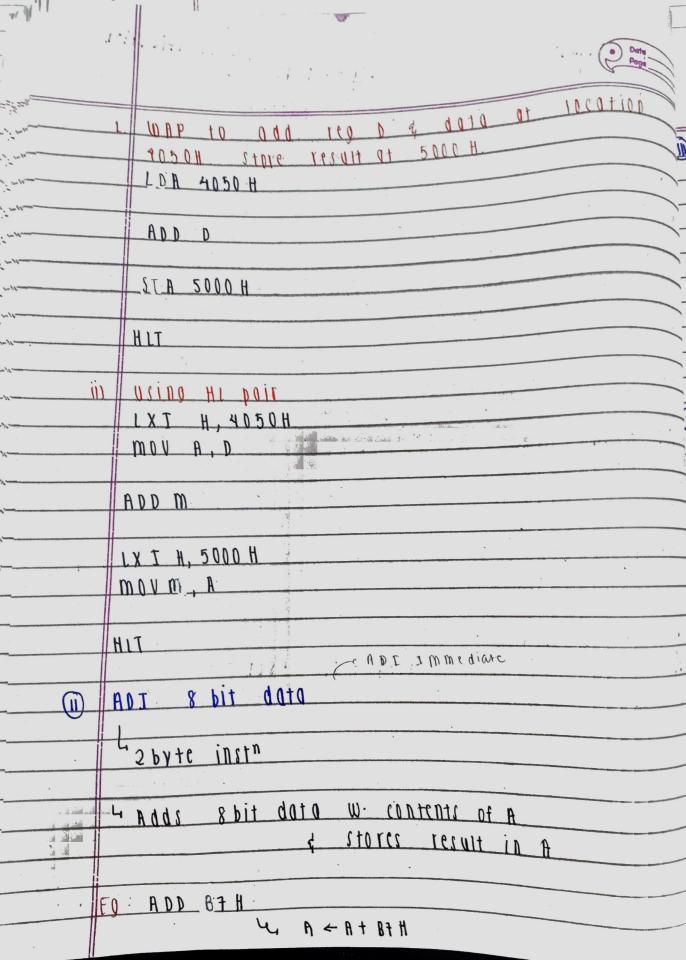
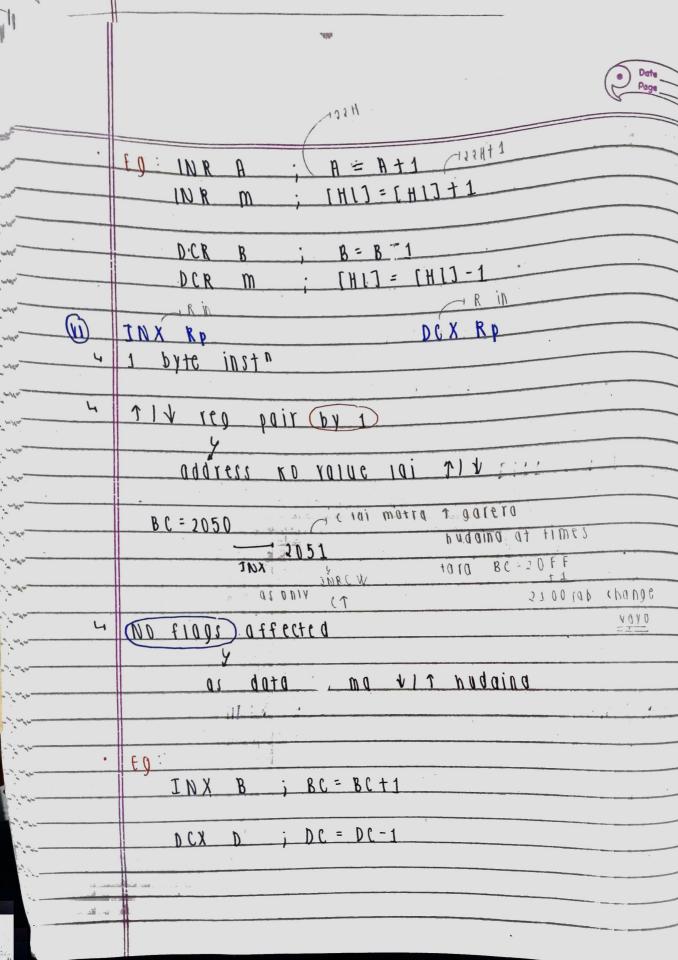
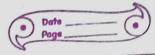
mov E, L HLI ii) using xch G 711 LXT B, 1122 H Dec . LXI D, 3344H MOV H, B mov i, c XCHG mov B, H mov c, L HLT

•	NOTE: Haldmare model
	1 Classification
	insta tormat -insta format -insta
_	1 2 byte wall
	1
_	miscellaneous
in	Arithmetic group insto
	implicitly assumes A is one of operand
	4 modifies flag
	Li Result stored in A.
0	ADD RIM ADD R REG dir
	ADD M ~ Reg ind
	1 bytt inst.
	1
	L'Adas (Ontent of regimemory to contents of A &
	stores result in A
	4 Result greater than 8 bit,
1	rf carry flag - set
	· £ 9 :
	ADDE: A < AtE
	$ADD m; A \leftarrow A+[m]$
-	
-	

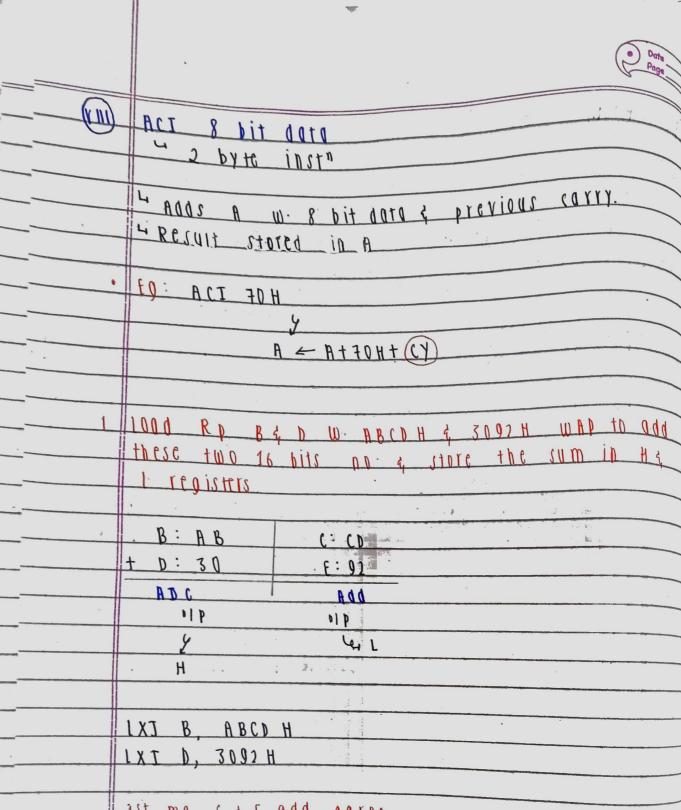


CUR R - Pro MIT w. 2's complement SUR M - Pra Page Page D SUB RIM 4 1 byte subtract inst" 4 subtracts (Dutent of reg 1 memory w. content of A & STOYES result in A. · Fg: JUB R ; AAC A-R SUB M; A = A-[M] (ii) SUI 8 bit data innequate AA 4 2 byte immediate sub inst" 4 SUD 8 bit data w. content of A & stores result in A. SUI D3H ; A ← A - D3H DINRIM REG IN DOR RIM N. I. Le increment Le decrement 4 1 by te increment/ decrement inst" 411 v content of reg 1 mem by 1 Tesp. dora 191 11 V





ADC RIM IAdd W. (COLLA) L 1 byte inst " 4 Adds A w. content of regimem quiprevious carry 4 Result stored in A · FO: ; A < A + B + CY ; A = A + (M] + (Y) $M \supset Q R$ COLLA OGAVE CORE 4 16 bit addition garna xa yone chainxa COTTY 1234 H + 22 33 H yesma carry chainsa xutoung to 8 bits & garne 3 3 yo addition ma carry and vanc previous carry gauxa



1st ma C& E add garac

MOV A, C

