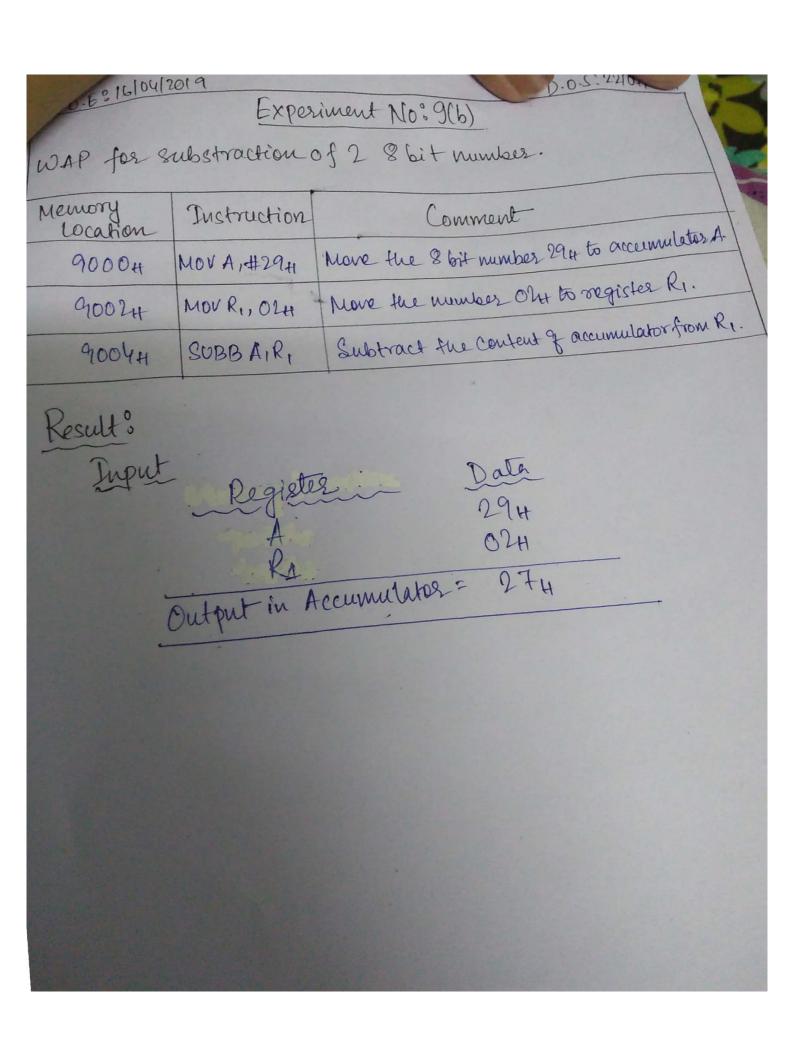
D.D.E:16/04	12019	D.0 397-1
	Expe	siment No: 9(a)
WAP for	addition of 2	8 bit numbers.
Memory	Instruction	Comment
9000#	MOVA, #294	More the 8 bit no. \$294 to accumulator.
9002H	MOV R,,#024	More the 8 bit no. 024 to register.
90044	ADD AIR,	Add the register content with accumulate
Result:		
Input	5	
	Register.	Data
	A	294
	Rà	024
	Output in	accumulator = 2BH



1		Experform	periment Mo: 9(e) xor operation on 2 8 bit numbers.
	Memory	Instruction	
	9000H	MOV A, #294	More the 8 bit number 29# to accumulator A.
		MOV R1, #024	more the & kit number O24 to R1.
+	9004#	XRLAIR,	Perform XOR on A and R1:
	Result: Input:	0	2
		Registes	Dala 294 024
	Output?	legister A	Dala 2 BH

WAP to p	exform of o	porotion on 28 bit numbers.
Location	Instruction	Comment
9000#	MOVA 1#29#	More the 8 bit no, 29 + to accumulator A.
90024	MOV R, \$02H	More the 8 bit no. 024 to R.
90044	ORLAIR,	Perform OR operation on A and R.
Result: Input	-: Register.	Data 29H
	- RI	024
Quit	mt from ac	cumulator, A = 2BH

Experiment No. Experiment No. Experiment No. Experiment No. Experiment No. Experiment No. Shit numbers. Comments Memory Location Location MovA, #29H Move the 8 bit number to accumulator, A. 4 9004 MovR, #02H MovR, #02H MovR, #02H Perform AND on A and R. 1 9004 ANL A, R, Perform AND on A and R.	126
Register Data 294 024 Register 004	

Experiment No: 9Cf) WAP to perform NOT operation of a 8 bit no. Memory Instruction Comments 9000# Mov A, #02# hove the 8 bit no. to accumulator A- 9002# CPL A Perform NOT operation on accumulator. Result: Register Data PD#	D.O.E: 16/04		D.O.S. 22[04] 19
Memory Dustruction Comments 9000# Mov 4, #02# Move the 8 bit no. to accumulator A- 9002# CPL A Perform NOT operation on accumulator. Result: Input: Register Date A 02#1	1.9AD F 4		
1000H Mov A, #02H have the 8 bit no. to accumulator A. 9002H CPL A Perform NOT operation on accumulator. Result: Register A 02H	LUAIT 60 Y	serform N	tol operation of a 8 bit m.
90024 CPL A Perform NOT operation on accumulator. Result: Register Date O241	Memory Location	Dustruction	Comments
Result: Input: Register Date 0241	90004	MOV A, #024	have the 8 bit no. to accumulator A-
Result: Input: Register Date 0241	90024	CPLA	Perform MOT operation on accumulator.
	Inpi	41	