



&)	C	>		2	7	ے۔2	ۍ			
9)	_	12	7	_	ر۔		17	رع	7	
10)	(on on	ηp.	le f	ed					
117										

Assembly	Instruction size	Memory Address	Object Binary Code	Object Code in Hex
Code1:				
MVI A, 32H MVI B, 48H ADD B OUT 01H HLT		4200 4202 4204 4205 4207	00111111000110010 00000011001001000 1000000	3E 32 06 48 80 D3 01 76
Code2: MVIA,01H STA 4500H HLT		4200 4202 4205	0011111000000001 0011001000000000000010001001	3E 01 32 00 045 76

Code 3:			00111010000000000000000010000	
LDA 1000H	3	4200	01000111	3A 00 010
MOV B, A	1	4203	0011001000000000000000010000	47
LDA 2000H	3	4204		3A 00 020
STA 1000H	3	4207	0011001000000000000000100000	32 00 010
MOV A. B	1	420A	01110110	78 32 00 020
STA 2000H	3	420B		76
S1A 2000H	1	420E		
HLT				
Code 4:	l			
MVI A.55H	2	4200	0011111010011001	3E 55
	1	4202	00101111	2F
CMA	3	4203	0011001000000001000000010000 0011111000000	32 01 010
STA 1001H	2	4206		3E 00
MVI A,00H	1	4208		76
HLT				

