

Experiment No: 01(a)

Name of the Experiment: The following block of data is stored in the memory locations from 7000H to 700AH. Transfer the data to the locations 8000H to 800AH in the reverse order.

Data (H): 22, 34, C2, F2, 45, 99, A2, 37, 89, D3, E4

Address	Mnemonics	Code
9000	LXI H 7000	21
9001		00
9002		70
9003	LXI D 800A	11
9004		0A
9005		80
9006	MVI B 0B	06
9007		0B
9008	MOV A M	7E
9009	STAX D	12
900A	INX H	23
900B	DCX D	1B
900C	DCR B	05
900D	JNZ 9008	C2
900E		08
900F		90
9010	HLT	76

