

Address	Label	Mnemonics	Hexcode	Bytes	M-Cycles	T-States
0000	LOOP	LDA 201E	3A	3	4	13
0001			1E			
0002			20			
0003		MOV C,A	4F	1	1	4
0004		MVI B,00	06	2	2	7
0005			00			
0006		LXI H,2000	21	3	3	10
0007			00			
0008			20			
0009		DAD B	09	1	3	10
000A		DCX H	2B	1	1	6
000B		MOV D,H	54	1	1	4
000C		MOV E,L	5D	1	1	4
000D		LDA 201F	3A	3	4	13
000E			1F			
000F			20			
0010		MOV B,C	41	1	1	4
0011		MOV C,A	4F	1	1	4
0012		MOV A,B	78	1	1	4
0013		SUB C	91	1	1	4
0014		MOV C,A	4F	1	1	4
0015		MOV A,B	78	1	1	4
0016		MVI B,00	06	2	2	7
0017			00			
0018		DAD B	09	1	3	10
0019		MOV B,A	47	1	1	4
001A		LDAX D	1A	1	2	7
001B		MOV M,A	77	1	2	7
001C		DCX D	1B	1	1	6
001D		DCX H	2B	1	1	6
001E		DCR B	05	1	1	4
001F		JNZ LOOP	C2	3	3	10
0020			1A			
0021			00			
0022		HLT	76	1	2	5