

Address	Label	Mnemonics	Hexcode	Bytes	M-Cycles	T-States
0000	R	LDA 2000	3A	3	4	13
0001			00			
0002			20			
0003		MVI D,01	16	2	2	7
0004			01			
0005		MVI E,01	1E	2	2	7
0006			01			
0007		SUB D	92	1	1	4
0008		JZ F	CA	3	3	10
0009			11			
000A			00			
000B		INR D	14	1	1	4
000C		INR D	14	1	1	4
000D		INR E	1C	1	1	4
000E		JMP R	C3	3	3	10
000F			07			
0010	F		00			
0011		MOV A,E	7B	1	1	4
0012		STA 2100	32	3	4	13
0013			00			
0014			21			
0015		HLT	76	1	2	5