Example 3

Label	Instruction	Address	Opcode
Start:	MVI B, 09H	2000	06
		2001	09
	MVI C, 05H	2002	0E
		2003	05
	MOV A, B	2004	78
	CMP C	2005	B9
	JZ MakeD5	2006	CA
		2007	0E
		2008	20
MakeD10:	MVI D, 0AH	2009	16
		200A	0A
	JMP End	200B	C3
		200C	10
		200D	20
MakeD5:	MVI D, 05H	200E	16
		200F	05
End:	RST 5	2010	EF