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Assembly
Instruction
Memory
Address
(Hex)
Machine
Language
(Hex)

LXI H, 2000H	2100	21
	2101	00
	2102	20
MOV B,M	2103	46
INX H	2104	23
MOV C,M	2105	4E
MOV A,B	2106	78
ADD B	2107	80
CMP C	2108	B9
JC Make5	2109	DA
	210A	14
	210B	21
JZ Make5	210C	CA
	210D	14
	210E	21

MVID, 10H	210F	16
JMP End	2110	10
	2111	C3
	2112	16
	2113	21.

Make 5]

MVID, 05H	2114	16
	2115	05

End ~~REDS~~ ~~2100~~ ~~00~~

LXI H, 2003H	2116	21
	2117	010
	2118	20
MOV M, D	2119	72
RST 5	211A	EF