

## Example 2

Assembly Instruction	Memory Address (Hex)	Machine Language (Hex)
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LDA 2000H	2100	3A
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	2101	00
--	------	----

	2102	20
--	------	----

CPI 05H	2103	FE
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	2104	05
--	------	----

LXI H, 2001H	2105	21
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	2106	01
--	------	----

	2107	20
--	------	----

JC Zero	2108	DA
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	2109	13
--	------	----

	210A	21
--	------	----

JZ Zero	210B	CA
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	210C	13
--	------	----

	210D	21
--	------	----



MVIM, 01H 210E 36

210F 01

~~Zero~~ JMP End 2110 C3

2111 15

2112 21

~~Zero~~ MVIM, 00H 2113 36

2114 00

End: RST5

2115 ~~00~~EF