

Example 1

Assembly Instruction	Memory Address (Hex)	Machine Language (Hex)
<u>Alternative I</u>	2000	--

MVI A, 05H	2001	3E
	2002	05

STA 2000H	2003	32
	2004	00
	2005	20

RST 5	2006	EF
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Alternative II

	2000	--
LXI H, 2000H	2001	21
	2002	00
	2003	20

MVI M, 05H	2004	36
	2005	05

RST 5	2006	EF
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