

Program 2

Add 2 8 bit no.s located at the location 2020H and 2021H. Then store the result at the location 2022H

Address	Label	OPCode	OPerand	Comment
2000H		LXI	H, 2020H	Load HL Pair with address 2020H
2003H		MOV	A, M	Move the contents at memory location referred by HL pair into Accumulator
2004H		INX	H	Increment HL pair - to get contents of 2021H
2005H		ADD	A, M	Add the Contents of A with Contents of the memory location referred by HL pair
2006H		STA	2022H	Store the result at the location 2022H