

Program 4 :

Write a program to add the no.s
1234H with 789AH and store the
result at location 2005H and 2006H.

Address	Label	OPCode	OPerand	Comment
0000H		LHLD	2000H	Load HL pair with default location 2000H and 2001H, i.e 1234H
0003H		XCHG		Exchange data of HL pair with DE pair
0004H		LHLD	2003H	Load HL pair with data at location 2003H and 2004H, i.e, 789AH
0007H		DAD	D	ADD data of DE pair to the data of HL pair
0008H		SHLD	2005H	Store data of HL pair at location 2005H
000BH		HLT		Halt