Name: Niranjay Ajayan

Date:

5c. Multiplication of Two 16-Bit Numbers

PROGRAM

2000	MOV	SI, 3000
2003	MOV	DI, 4000
2006	MOV	AX, [SI]
2008	INC	SI
2009	INC	SI
200A	MOV	BX, [SI]
200C	MUL	BX
200E	MOV	[DI], AX
2010	INC	DI
2011	INC	DI
2012	MOV	[DI], DX
2014	HLT	

OUTPUT

SOURCE

3000	28
3001	24
3002	36
3003	58

DESTINATION

4000	70
4001	60
4002	75
4003	0C