

EXAMPLE

جامعة
المنارة
MANARA UNIVERSITY

0700 :	1100	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
0700 :	1110	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
0700 :	1120	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
0700 :	1130	6C	AC	B8	89	28	6F	85	47	92	73	E8	0E	A3	98	EE	3E
0700 :	1140	BB	BC	8D	72	11	34	28	93	B4	DD	FF	F0	CC	CD	6B	0B
0700 :	1150	7F	9C	38	84	99	D1	C2	81	34	67	83	C2	6E	43	97	31



AX=0000	BX=0000	CX=0025	DX=0000	SP=FFFE	BP=0000	SI=0000	DI=0000
DS=0700	ES=0700	SS=0700	CS=0700	IP=0100			
OF=0	DF=0	IF=1	SF=0	ZF=0	AF=0	PF=0	CF=0

0700:0100 B8001F MOV AX, 01F00h

1-What is the content of the following addresses?

0700:113A, 0815B

Rewrite the changed memory locations and the changed register content after execution of the following fragment of program taking into consideration that the registers and memory locations have the above mentioned values

org 100h

1100: B8 09 9F		MOV AX,09F09H
1103: BB 57 F0		MOV BX,0F057H
1106: B9 03 00		MOV CX,03H
1109: BA FE FF		MOV DX,0FFFEH
110C:	ABCD:	
110C: 03 C3		ADD AX,BX
110E: 42		INC DX
110F: 83 FA 00		CMP DX,0
0112: 75 F8		JNZ ABCD