	classmate	8
5	Date	7
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Experiment -1

Find manually operational code for following instructions using instructions using instruction template verify the correctness of the operation of for desdelinging Explain the operation of forming & each operate in a handwritten report comment on Default segment assignment. Further, repeat to carry out process of apcode formalion by preceding the instruction lyte by segment overicle prefix by any segment register of your choice. Verify the correctness of code formed

i) MOV AX, BX

from Register to Register

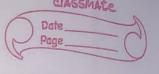
100010dW mod reg 3/m

8 11 12 3

8BC3

	The default segment segment	assignment	is Data
	signer u	to manage	Robertes
2	MOV AX, E1000 H	+]	
	me por lan	10->H . C	20->1
	de de de	1 4	
	memory to Accum		
	1010000 W	odds - low	and 8 - him
	→	V 1.01	1
	10100001		10
	→ 1010 000I	001	0 (=
	A	00	0
	=> A1,00,10		vom 6
			0
3)	MOV [BX], AX	3. 3.1	Kobin
100.1	0		0.1
	Accumulator to memory		
	1010001	w add - h	ou add-ligh
		1	V
		0000	0 10
	1010 -0011	6	
	A 3		10
			10
		89 08	

MOV CBP+DI+8BH], AL	lob and
Register to Memory	
Righter to market ag	vom G
100010 du mad re	g I/m
000000	
The same same	0 1 (0) 1
=) 1000 1000 1000	001)
8 8	_
=> 88,83	,
mov [DI], AX	
Register to memory	
A 1 1 A .	7 vom &
100010dw mod	sig sim
1 Jun 100st	000 9 101
0	
1000 1001 000	0101
8 9 0	5
00 1100	0101
3 00	A
89,05	



6) MOV AX, [BX + D1 + 1239 H]

Memory to Register

7) MOV AH, BL

Register to Register

1

