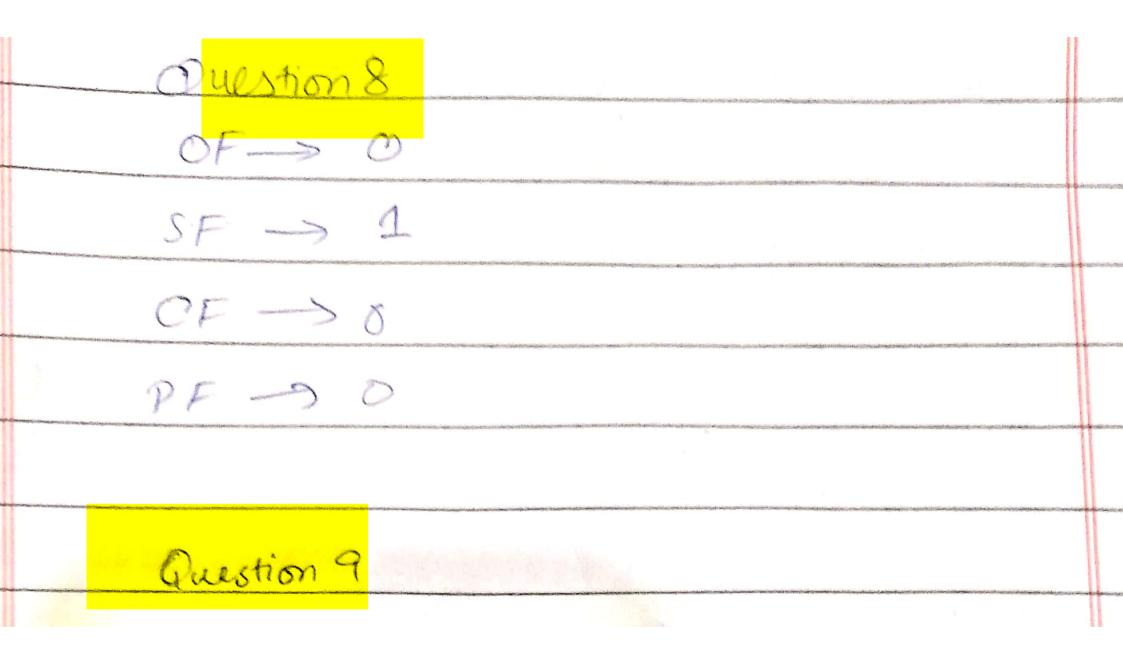
Date: / /20	
Date: _/_/20	-
Name: Mechammad Laraib Akhtery	
Section: BCS-3B	
Roll no: 212-5294	
Course: COAL	
Assignment: 1	
Q1. a. add ax, bx Ax=0x334A	
Bx = 0 x 45 F1	
334A Cx = 0 x 8934	
+45F1 ZF = 0 SF=0	
793B CF=0 OF=0	
b. add cx, bx	
8934 ZF= 0 SF=9	
+ 45 fl CF= 0 OF=0	
CF 25	
C. 45F16	
- 6 ZF= 0 SF= 0	
45EB CF=0 OF=0	
<mark> </mark>	
a, 0x6900	
big Endian format	
lower address: 69 Higher address: 00	
1	(I)

Day		Date://20	
	b- 0x4567	A STATE OF THE PARTY OF THE PAR	
	Lower address: 45		
	Higher address: 67		
	J		
	C- OX AA 99		
	lower address: AA		
	Higher address: 99		
100	Ouestion 3		,
	a. FFFF: 4312		
	FFFFO		
	+ 4312		
	10430 2		
	[04302]	<u> </u>	
	All the second s	, W	
	b. IDEF: 0001	6.3 A	
	1DEFO		
	+ 0001		
	[1DEFI]	AN AN	
	C- 14FF: 1111		
	14FF0		
1	+ 1111		
	[1610]		
			Annual Property

===	
	Date:
	mov ax, 10
	mov bx, 5
	mov CX, ax
	mov axyo
	l1: add ax, cx
	Sub bx, 1
	Cmp bx, O
	jne l1
	mov ax, ox4000
	int ox21
	Osa) bp-di
	invalid: base register and index registe
	addition possible only
	b) bp+si
	0x220 + 0x0110
	0220
	+01/0
	JOX 0 330

-	Date:/_/40
	c) bx-0x12
	0034
ı	-0012
	\$x0022
	d) bx+bp
	register in one memory access.
	register in one memory access.
	e) bx+ip
	invalid
	no memory access can be performed
	through instruction pointer.  f) bx +di
	0x0034
	+ 6×1101
	1 <u>0</u> X 1135
	06.(a) bx+si
	22 AA
	+ FEEF
	12199
	12199
	+ 45820 15089
	47989

the state with space	The state and th
-	wraparound: segment wrapanound.
Maryers, and a grant and a second	
	(b) 0x4700+0x4247+0x10.
	- 4700
	4247
	+0010
	0×8957
	0 4 4 588
	40142879
	45177
	Physical address wragoround.
	07. (a) mov, ip, bx
one in the second	· Ip cannot be over withen
	· mov av, bx.
	(b) more byte bx, [ip].
	· ip cannot be manually accessed.
	(C) mov si, al
	. Size mismatch.
	· mov bl, al.
	(d) mov ax, [bx+bp+100]
	(d) mov ax, [bx+bp+100]  bx +bp cannot be performed both  a are base registers.
	. by + bp cannot be performed both



There is no logical error in the code of Question8.

010.	Date
	1
org 0x0100]	Same A. William
 mov al, [num1]	SE MAN
mov bl, [num 1+1]	
mor [num], bl	
mov [num]+1], al.	
mor al, [num1+2]	* 36 (81
mor bl, [mam1+3]	X X X
mov [num1+2], 61	
mov [numl+3], al	
mov ax, oxucoo	100
int 0x21	
num1: db 1,2,3,4.	Silver De altre
Q11. Lorg 0x0100]	de de la
mov bx 10;	C. A. S. A. SEAS
 mov bx,0; mov mov lis mov	
mov bx, o;	
mov ax, [array1]	
mov [min],ax	
li:	
add bx, 2	
mov ax, [array 1+bx] Cmpax, [min]	

1000	(9/)
	ig la cmp bx,10
	ine 10
	je end
BACAMONIA MARIE CARAMONIA	12:
	mor [min], ari
	Cmp bk 10
	ine li
	end:
	mov ax, ox4coo
	int 0x21
	array 1: 200 5,378,25
	min: dw 0