Date: / /20	
Date: _//20	-
Name: Mechammad larait Akhtar	
Section: BCS-3B	
Roll no: 212-5294	
Course: COAL	
Assignment: 1	
Q1. a. add ax, bx Ax=0 x 334A	
Bx = 0 x 45 F1	
$334A$ $Cx = 0 \times 8934$	
+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	
Q2	
a, 0x6900	
big Endian format	
lower address: 69 Higher address: 00	
#	(I)

Day	Date:	1_120_
	b- 0x4567	
	Lower address: 45	
	Higher address: 67	
	C- OX AA 99	
	lower address: AA	
	Higher addrew: 99	
	Question 3	
	a. FFFF: 4312	
	FFFFO	
	+ 4312	
	10430 2	
	104302]	
		gram primate del del del del del del del del del de
	b. IDEF: 0001	
	1DEFO	
	+ 0001	
(	[1DEFI]	
	C- 14FF: 1111	
	14FF0	
	+1111	
	16101	
		Addition the last register in the property of the control of the c

====	
	Date: /
	mov ax, 10 mov bx, 5
	mov CX, ax
	mov axyo
	e1: add ax, cx
	Sub bx, 1
	Cmp bx, O
	jne l1
	mov ax, ox400
	int ox21
	Osa) bp-di
	invalid: base register and index regist
	addition possible only
	b) bp+si
	0×220 + 0×0110
	0220
	+01/0
	SOX 0 330

	Date:
	c) bx-0x12
	0034
I	-0012
	ex0022
	d) bx+bp
	register in one memory access.
	register un one memory access.
	e) bx+ip
	invalid
	no memory access can be performed
	Through instruction pointer.
	f) bx +di
	0x0034
	+ 0×1101
	TOX 1135 ]
	Q6.(a) bx+si
	22 AA
	+ FEEF
	12199
	12199
	+ 45820
	47989

delice control delices	The state of the s
· ·	wraparound: segment wrapanound.
Mary and a second secon	
	(b) 0x4700+0x4247+0x10.
	- 4700
	4247
	+0010
	0×8957
	011268
	40×42879
	4 <b>E</b> 177
	Physical address wragoround.
	07. (a) mov, ip, bx
34°	· Ip cannot be over withen
	mov ax,bx.
	(b) more byte bx, [ip].
	· ip cannot be manually accessed.
	(C) mov si, al
	. Size mismatch.
	· mov bl, al.
	(d) mov ax, [bx+5p+100]
	. bx +bp cannot be jestormed both
	a are base negisters.
1 0 1 0 0 A 1/2 1	· mov ax, [bx+Si+100]

Question 8 OF-> O SF -> 1 CF -> 0 PF 30 Question 9

There is no logical error in the code of Question8.

10 m	Q10.	Date:
1		
	mov al, [num1]	and the same
		SE MAN
	) [ [ [ [ ] ] ]	2 22
	[1747] ]41.	
	mor al, [num1+2]	* 4.6 (30.1
	mov bl, [mam1+3]	<u> </u>
	mov (num1+2), 61	1 N 2 12
V.	mov [numl+3], al	
	mov ax, oxucoo	
	int 0x21	1 30 4 204
	num1: db 1,2,3,4.	Light of the second
		HI.
	011. Lorg 0x0100]	delication in
	V , and the second seco	and the second
	mov bx,0;  mov bx(min)  liz mov	
	mov bx, O;	
	mov ax, [array1]	
	mov [min], ax	
4	li:	
	add bx, 2	
	mov ax, [array 1+bx] Cmpax, [min]	illiant versud para unit as en efinancial estratu anne con el como en estratura en el como en el como en el co
		1000

Total Science of	(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