Name: M. Ammar Ali	de la constante de la constant
Dection: BS(DS)-3B	
Roll n.o. 211-5659	
	Sagge Steel Cold Sag
Accion C.O.A.L	discovered to
Assignment #1	
Question N.o 1	
a) mov [02], [22]	
Sol.	
mov bx, [22]	
mov [02], bx	
b) mor [wordvar], 20	
sol:	
mor byte [wardyax], 20	
C) mov 5x2 al	
sol;	
mol bl, ail	
Natural Control of the Control of th	
d, mov ax, [si+di+100]	
Sol:	
mor bx, si	-
mov ax2[bx+di+100]	-

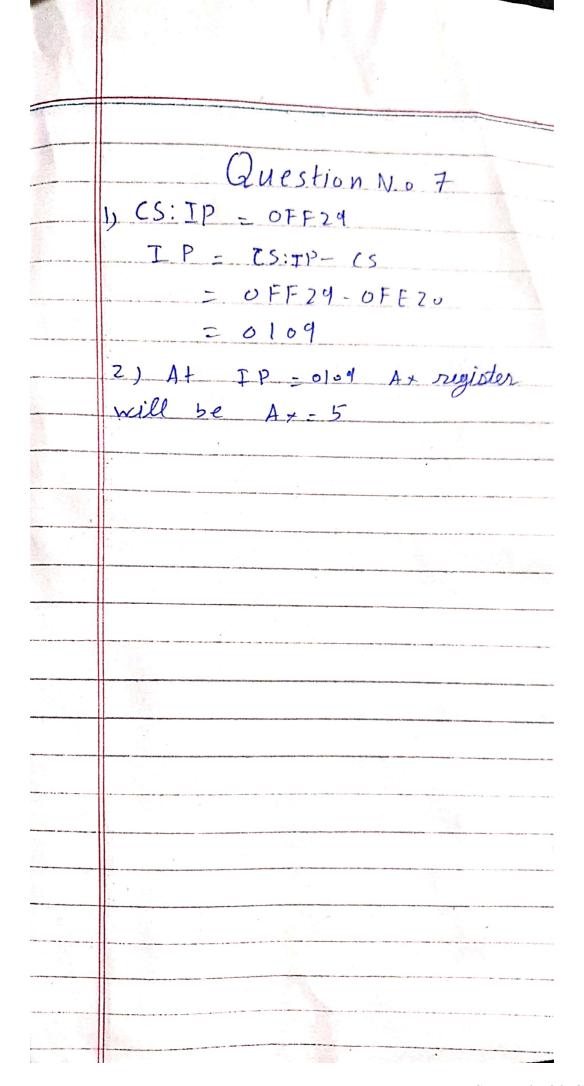
the same of the sa		
	Question N.o 2	
-		
	Lorg 0x100]	
	mor gl, o	
	mor bly o	
-	11: mov al, [arr+bl]	
Profession to the contraction of	add bl, 1	
	dec EsizeJ, 1	
	cmp [max] 2 ax	
	j be Maximum	
	jube Not Muximum	
	Not maximum: jmp 11	
	Maximum: mov [max], ux	
	CMP [size], 1	
	jne 11.	
	MOV ax) Dx4 (00.	
	int 21	
	arr: db -3,5,-10,4,6,7,1 siz: db 07 ma	110
	Question N.o 3	
	1) IDDD: 0436	
	P.A = 1000x10n + 0436	
	= 1E206	
		enough v
	Sept. 11 (A039) 1 () () () () () () () () ()	and the same of th

b)
1234: 7920
P. A = 12.34 x loh + 7920
- 19060
()
74 FO: 2123
- 74FOx10h +2123
- 77023
d
0000: 6727
= 0000 x lo h + 6727
= 06727
(e)
FFFF : 4336
= FFFF0 + 4336
 and approximate or planting the property of the control of the con
= 04326 physical memory wraparound
- 04326 physical memory wraparaund
- 04326 physical memory wraparaund f) 1080:0100 -10900
- 04326 physical memory wraparaund f) 1080:0100 -10900
- 04326 physical memory wraparaund f) 1080:0100 =10800 + 0100
= 04326 physical memory wraparaund f) 1080:0100 =10800 + 0100 -10900 g) ABOI: FFFF

	Question N. 04	
The state of the s	0)1000	
1	= 1000×10h + 00000	
	- 10000	
	- LOOOxION + FFFF	
	- IFFFF	
	b) OFFF	
	= 0 FFF0 + 00000	
	= OFFF0	
	- OFFFO + OFFFF	
	= IFFEF	
	9 1002	
	= 10020 + 00000	
	0 0020	
	= 10020+ 0FFFF	
	- 2001F	-
	d) 0001	
	= 00010 + 00000	
	= 000 0	
	= 00010+0FFFF	
and the second	- 1000F	V,
1		

	d) 00/01
	- 00/010 +/00000
	= 0/0010
	= 00010/+ OFFFF - 1000 0F
	The state of the s
	e) Eooo
	- £0000 + 00000
	7 E0000
	- Eoooo + OFFFF
	- EFFF
	Question N.o 5
	9) MOV 9x3 (bx + 12)
	effective address = Cbx + 12]
77	- 0100 + C
in 1950	= 0100
	b) Mov dx, Cbx+ num17
	= Cbx+num1]
	- 0100+1001
	- 10
	C) MOV QX, [Num1+5x]
	- [Mum1+ 5x]
	= 0100 + 1001
	= 1101

dy mov ax, [bx+si]
d) mov at j = [bx+si]
= 01000 + 0100
= 0200
Question N.o.6
1) Evorv: invalid effective
address
2) Erbar: invaliel effective
address
3, bx+10
- 0100 + b
= 0110
4) bx -10
= 0100-16
- 00FO
5) bx + sp
= 0 loo + FFFF
= OUFF som wrap around
b) bx + di
= 0100 + 0001
= 0101



í,	
	Question N.08
	0) A ([1700)
	P.A=offset + Segment x10h
adentina (indire della disconne en en	= 0017+ OFE20
	- OF E 3 7
Not described to the second of	b) AI [120B]
	P. A = Offset + Segment + 10h
	- OB)2 + OFE20
	= 10932
,	Question N.o.9
	[org 0x100]
	mov cl , 64
	mov bx, 1
142	l1: test bx, [multiplier]
	je 12
and the second	mor at [multiplicane]
	add [answer], dx
	mor a x , [multiplicand +2]
	adc Cunswer +2. J sax
	12:
	she word [multiplicand] 1
	rcl word [multiplieum +2], 1
	rcl word [multiplicand + 47, 1
	The state of the s

	rel word [multiplicand + 67 , 1	
	les word Emicripations	
	sub 1 1	
	sub cl, 1	
Colonia de Caración de Caració	jne 11	
	mov ax, 0x4 (00	
	int 321	
1	multiplicand: dq 18654178	
1	multiplier: dy 21638197	
	result: dq o	
	Question 10	
Charles	1) The total size will be 68 bytes	
	2) The array will be	
	8,0,2,10,7,5,3	
ter at 10 as di mangia anno		
		C**13.
		agua nagatan da salam aning nadapatah da bust
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to the second		nam a military and part of
- 11		_