:: ASSIGNMENT # 4 ::

ID: 11533

Name: Ashir Ali Khan

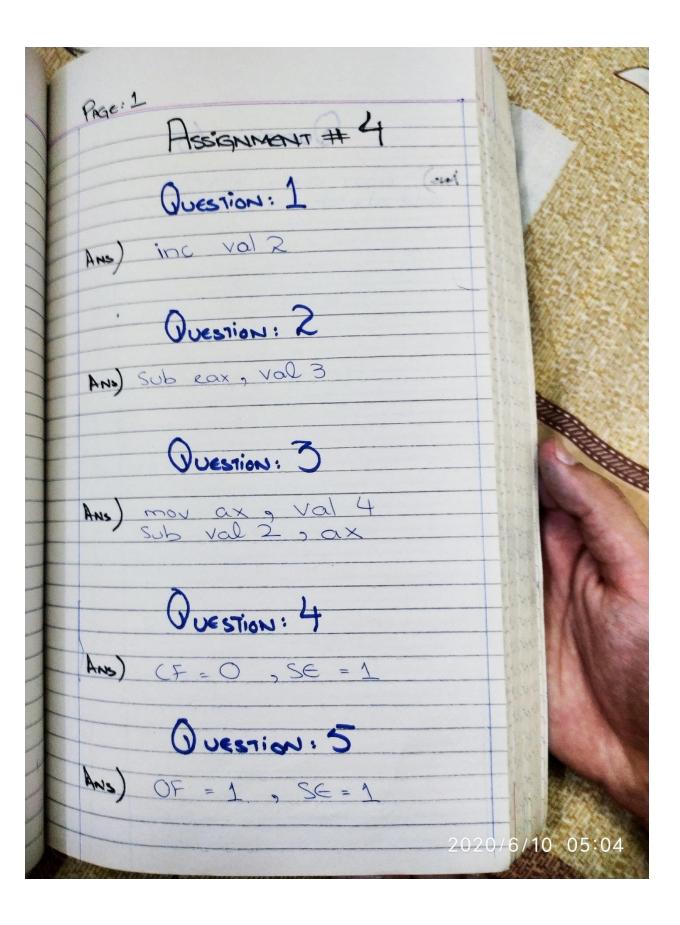
Subject: Microprocessor and

Assembly Language

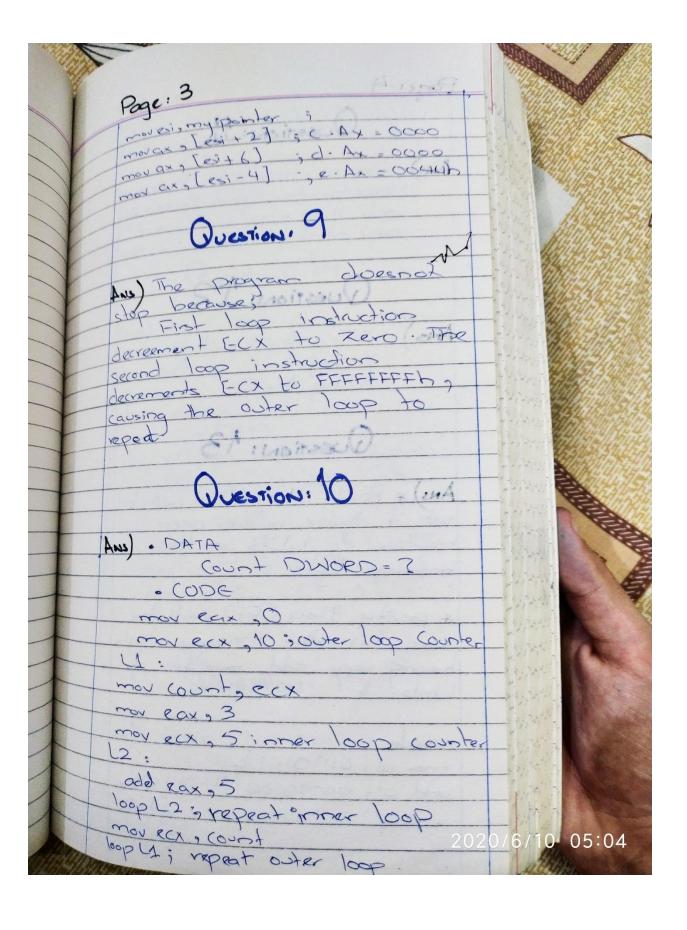
Teacher: Sir Muhammad Amin

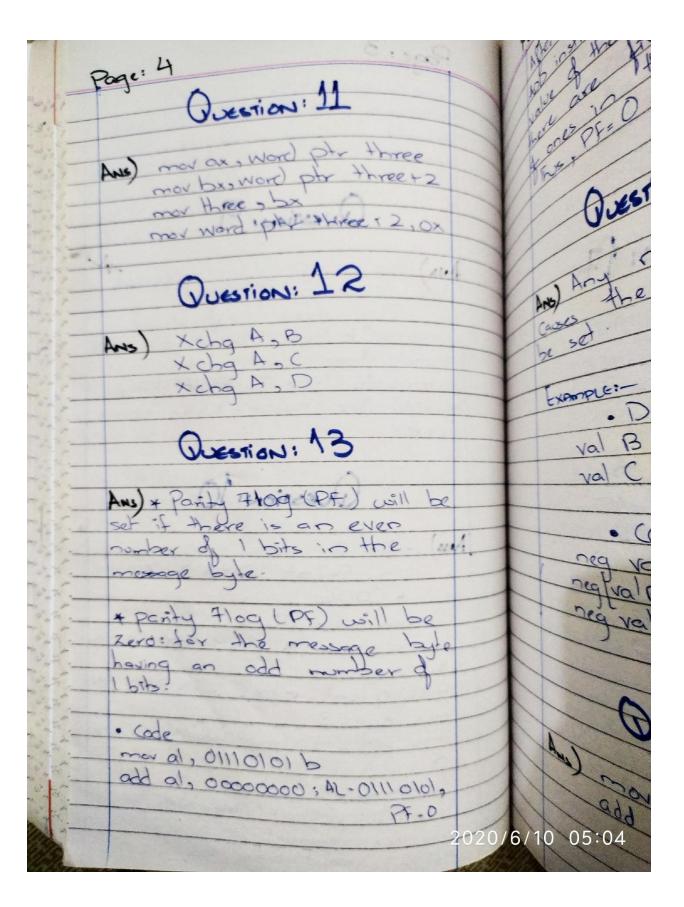


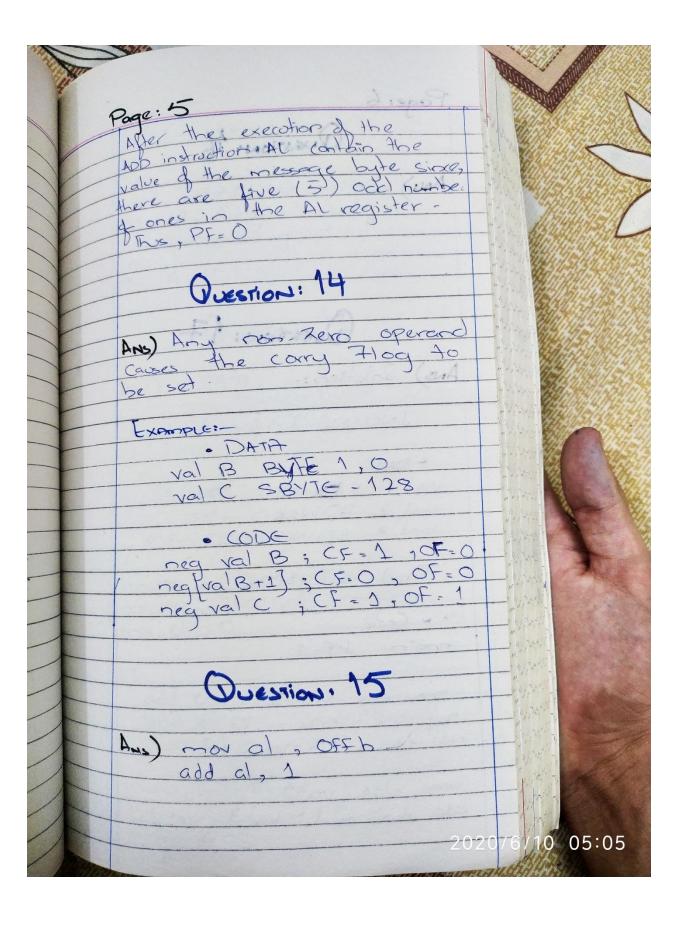
Iqra National University

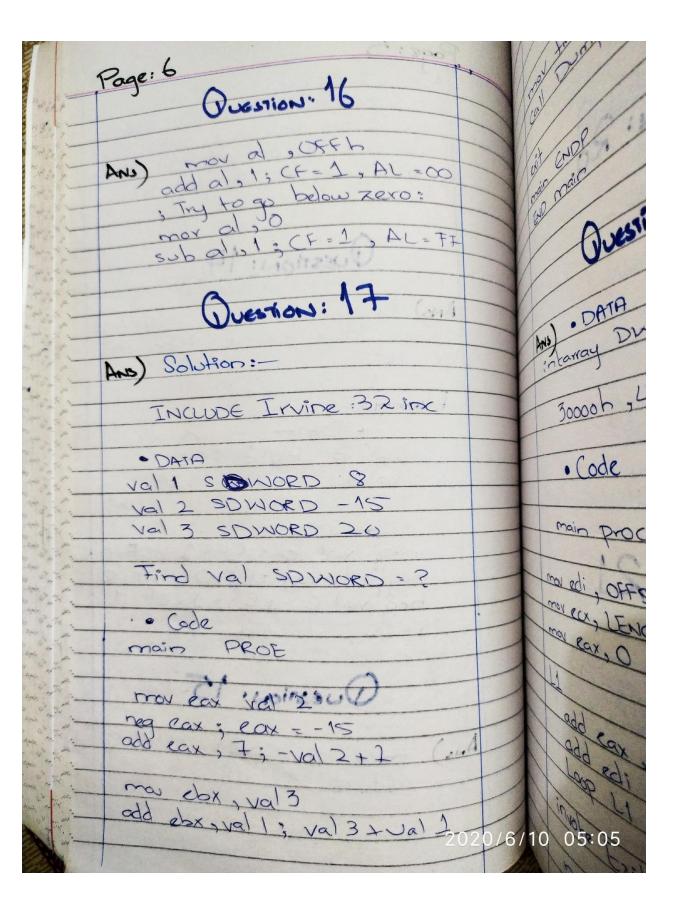


	1 19 12
Page: 2	Const.
Page: 6 DESTION: 6	1 Cont
QUESTION: 6	mes cox
Ans) mov ax, 7 FFOH add al, 10h; a: CF = 1 SE = 0 25-1050 add al, 10h; a: CF = 0 SE= 1 2F= 0 CF=1	cool
Ans) mov ax = 1 SE=0 25-1 050	
add al, 10h; a:0 SE=1 2F=0 CF=1 add oh, 1; b:CF=0 SE=0 2F=0 CF=0	
	Aus) Th
Question: 7	100
S Comment of the Comm	311
	decreem
[[esi] ; a. AL = 10h	second
mov al, [esit3] ; b-AL = 40h	decreme
	causino
8	repeat
movedk, [my Doubles tedi]; d. EDX = 3	
The control of the co	1333
2000 7 1000 121	1
mov eax, [ebx+4] ; F. EAx = 2	Ans).
Question: 8	7
My 07 50	110
ANS) mov esi, OFFSET my Byles	1
The state of the s	201
mov ax, [esi]; a. Ax = 2010h	- Dev
x mov ax 2 [esi] x my Words ; b. [-AX=	120
The state of the s	1
XC 1 11	6110050
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	10







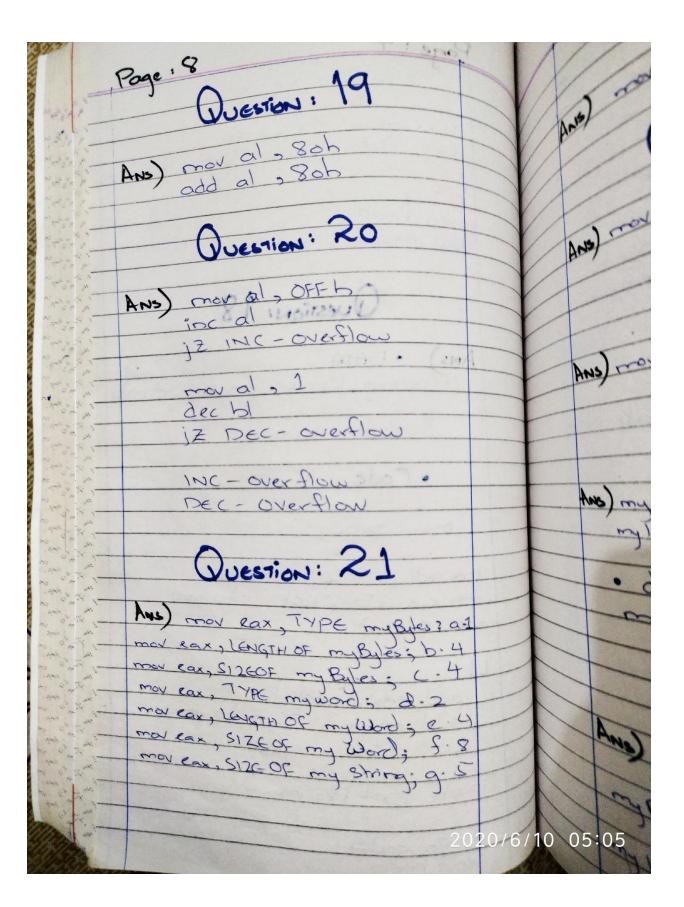


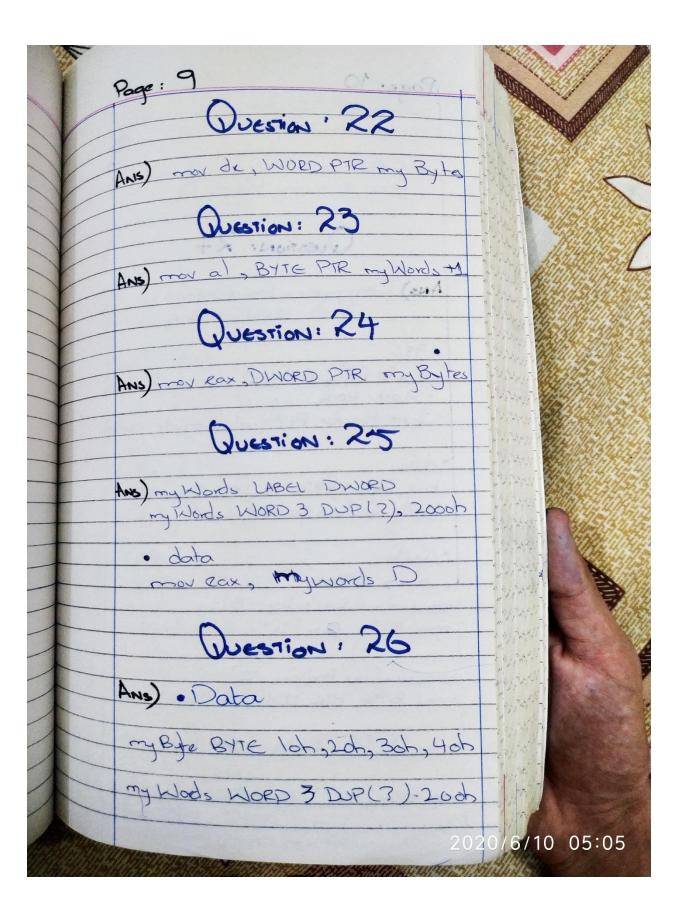
Page: 7

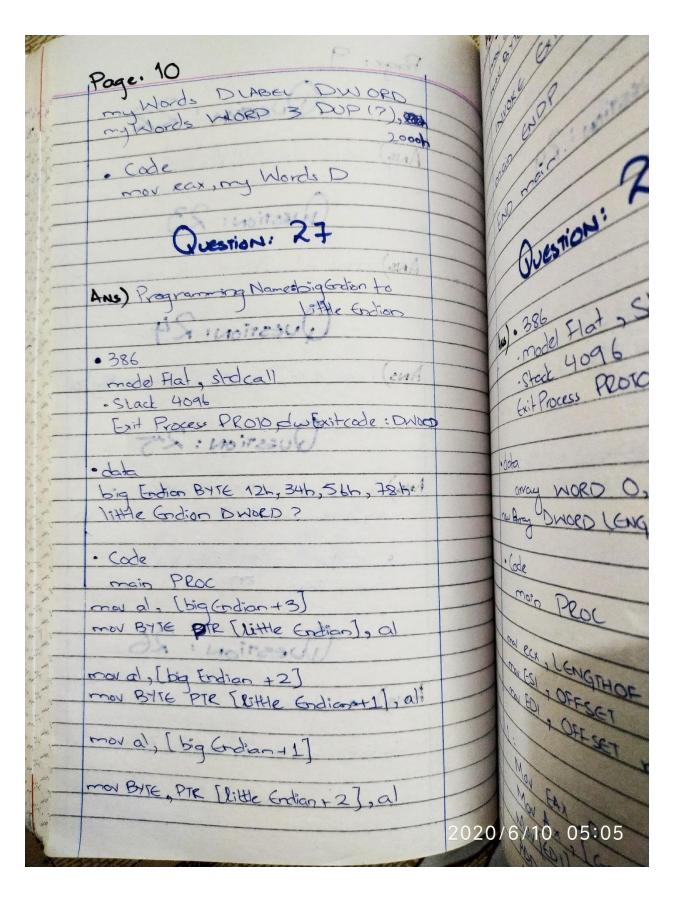
Subjection reby

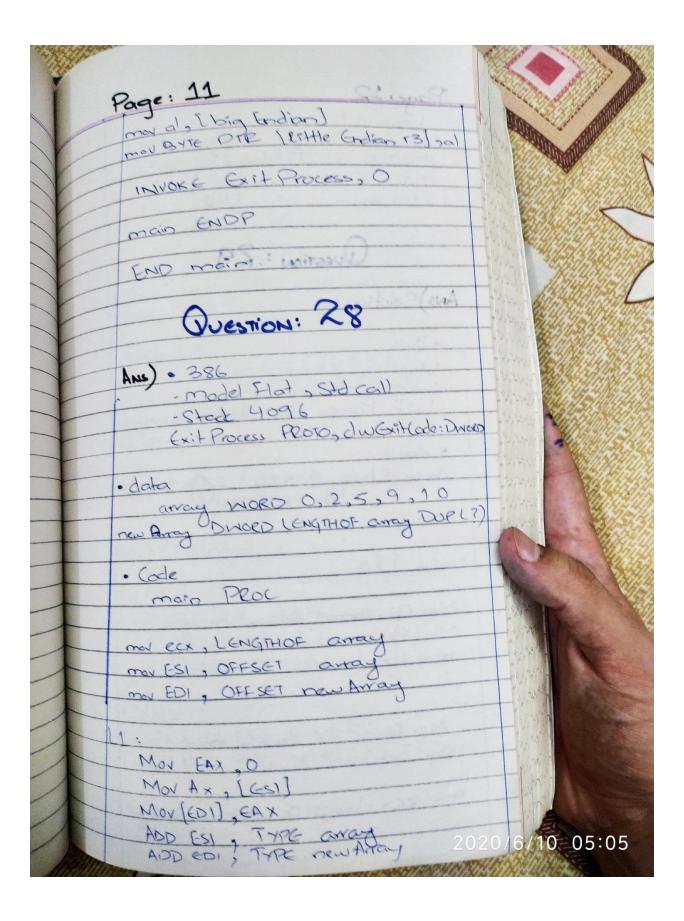
mov final val reax

call Dump Regs & Display the register main ENDP Question: 18 Ans) · DATA
intarray Dwoed 10000h, 20000h, 30000h, 40000h · Code mov edi, OFFSET rimitarray mov ecx, LENGTHOF intarray mov eax, O add eax, Ledi]
add edi, TYPE potarray Loop L1 invoke Exit Process, O 0 05:05

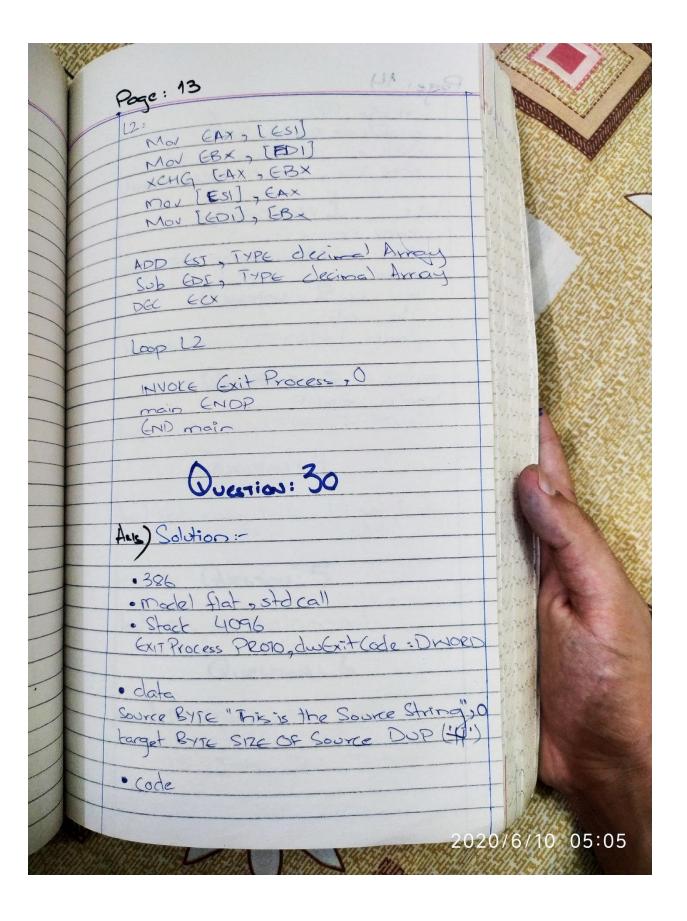








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	0 1112	147
30	rage	1/2/16
SA PAPER A	Page: 12 Loop L1 CortProcess 20	Tong.
	INVOKE EXITPROCESS, O	1/1/11/11
	INVOKE	Prov
	maio	
4	END main	1//6
No.	20	NOD G
	QUESTION: 29	1 1 30 1
	COURTING!	ou !
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Service of the servic	Ans) Solution:	1
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	•386	
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S	Exit Process Projo, dubitade : Divaco	(ND)
		6
	· data	
8	decimal Array Dubed 1,2,3,4,5,6,7,8	
ho and the	Sair a	
	• code	
The Control of	· Cure	Aak) Sc
The same of the sa	main PROC	1
The state of the s	main 1- NOC	2
The state of the s		•386
1 2 -	Mov (S), OFFSET decimal Array	·wa
Company of the Company	Mov 601, Offset decimal Array	- St
The same of the sa	MON RCX, LENGTHOF decimal Array-1	EXIT
Some The second		1
The American	\(\) :	1
The Table of the Table	ADD GDI TYPE 1	cat
April 14	Loop LI TYPE decimal Array	100rco
The second secon		lerget
	mov account	1 361
	mor ecx; Length of daimal Array	110%
N/A	2029-16	/10 05:05



	ALL	1///
P	ge. 14 main Peoc	1//2
1972 F-784 1	mov esi o Cource-1	Arstrace
	mov esi, 6 mov esi, 6 mov edi, 16N9THOF Source	
	mod edi , léngthor source mod eux ; SIZE OF Source	
	mov to	
	11:	Jane
	moveat : 0 source [esi]	Arte
	mov edial source [esi]	
	mov edial source (edi J, a)	
	100	
	dec ed	has) Or
	100p L1	
Ma State of the st		
	INVOKE EXIS Process, 6	
	main ENDP	LIVOI
	CND mair	Ans) XO
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	OC : coires co	
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