Part	Part I What would be stored in the registers and CF after the three instructions are executed.			
	Instructions mov c1, 0x7A mov d1, 0xCD sub c1, d1 Show work here. 7A - CD = 7A+(2's & CD)	Charge CF: 1 OF: 1		
1	=7A+33 CD)AD so CF=1 7A +33 7A:-118 CD:-51 CD:-51 -67=0xBD not 0x	AD so OF=1		
2	EDX FAT	Answer its in EAP so CF:0		
3	mov al, 10 mov bl, -6 imul bl Show work here. 10			
4	mov ax, 20 mov bx, 40 imul bx Show work here. 20 x 0 x 0 AX: 1 x x x x x x x x x x x x x x x x x x	r320 CF: 0 least Fig		

	mov ah, 0 mov al, -34 MH.Ord AL:OrdC AH.Ord AL:OrdC AH.Ord AL:OrdC
5	[0:-34]:5 OODE:5 OODE:222.0 Remainder Quoties
	AH AL 61 711 72 2 5 0 x 2 C 2 = 2 = 0 x 2 C
	mov ax , -34 = FFDE ₁₆ and $0xFC$ $aL:0xFA$ idiv $b1$
6	-34:5 FF DED = 5 0=-1=0xFA R=-4=0xFC
	mov al, -34 AL = -34
7	mov b1, 5 AH: AL = -34 -34 Remaider Quotient
/	-34° 5 0 = - 0 = 0 x FC
	mov ax, -34 -> AL = 34 cwd bx, 5 LDX: AL double -> idiv bx Dx: DxFFFC ax: OxFFFA Quotient
8	-)4=5 Q=-1=0xFFFC) Because of CWP R=-1=0xFFFC) extends
	mov cdq eax, -34 AL =-34 EDX.OxFFFFFFEEAX:Ox6
9	mov ebx, -5 (EDK: EAX) and word 24 Remainder Quotient
9	-> 4 % - 5
	cqo rax, 34 - A L=30 Ox G RDX: Ox G RAX: Ox FFFF FFFF FFFA
10	idiv rbx CADX: RAX
10	34%-5 9-5 Q=-1=0xFFFF FFFF FFFF FFFF Q=-1=0x0000 0000 0 000 00014
	R=4=0,0000 0000 0000 00014