Contr/ m	remory > follyxxx = r1xxx	(V->
a) Irbi	ts b) Irbits () Ir myn Ftol	
INDR2	: DRTAR U JMP NEXT	(V-15
	READ U RET	
مرفعة دانسته باست	این دستور درصوری م AC مقدار منبت و ن	(1/2
	AR Fetch ) work is some	
SUB:	NOP I CALL INDRCT READ U JMP NEXT SUB U JMP FETCH	(V-14
SEQ:	NOP I CALL INDRCT READ U JMP NEXT ACTOR, DRTAC U JMP NEXT SUB U JMP SEQ 2	+

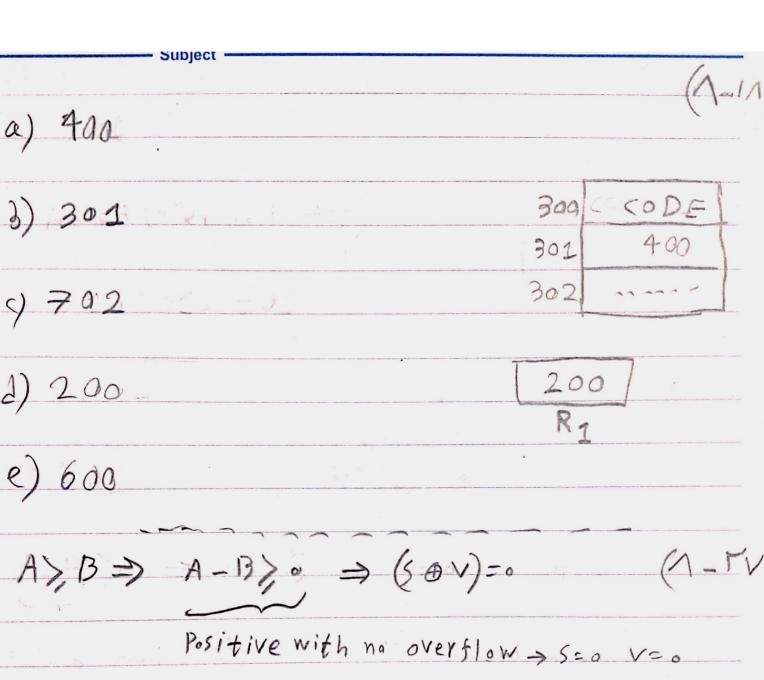
ORG	200			2 2
SEQ2:	DRTAC, ACT	PRZ	JMP EQ	
	NOP U JM			
	INCPC U			
	CAR CAR+1	; B:	(A) jus	(Val)
PC = AR	Fetch			
PCTDR	U CALL IC R, ARTPC U I E, INCPC U	TMP NEX	T	
17x Reg M	Ybit + ir	Put > 1	/ lines	(1-1
a) 32 x 32	:2 mun	b) a		
c) tx17 dec	oder > Fingu	105 9 17	aut Puts	
	2 x 32 bits + 32 +1 bits	1 carry b	i+	
	5 5 6 IA SEIB OPCODE	7-> 20 b	its	
				DIS -

NA

SUB R, A B //R, = A-B MUL RY DE //RY=DXE SUB R, R, F // R,= DYE-F MUL R. R. C // R. C (DXE-F) ADD R, R, R, P, // R, = A-B+Cx(DxE-F) MUL Ry HK 11 Ry= HxK ADD RY RYG 11 RY-G+ HXK DIV X R, R, MOV R, A // RISA SUB R, B // R,=R,-13 MOV Rr D // Rr=D MUL R, E // Rr=DXE SUB RY F 1/PY=DXE-F MUL Ry C // RI=Cx (Dx E-F) APD R, R, 1/ R, A-B+(x(DxE-F) MOV R. H /1 R. = H MUL RIK // RI= HXK DARDIS -

```
A-B+Cx(DxE-F) RPN AB-CDEXF-X+
    G+HXR GHKX+1
PUSH A
PUSH B
SUB
       //TOS= A-B
PUSH C
PUSH D
PUSH E
         1/TOS= DXE
MUL
PUSHF
         /TOS=DXE-F
SUB
         11 Tos = Cx (px E-F)
MUL
         11 Tos= A-B+(x(DXE-F)
APD
PUSH G
PUSH H
PUSH R
          11 To S= Hxk
MUL
ADD
          11 ToS= G+HXK
          11 To S = (A-B+Cx(DxE-F))/(G+HxH)
DIV
POP X
```

```
11 Ry=G+HXK
ADD R, G
          11 R.=(A-B+Cx(DxE-F))/(G+Hxx)
DIV R, Rr
MOV X R.
           1/ AC=H
           11 AC= HxK
           11 AC=G+HXK
STORE TI 11 TI=G+HXK
          // AC=D
LOAD D
MUL E
          / AC = Dx E
          1/ AC=DXE-F
SUB F
         1/A(= (x(DxE-F)
MUL (
           11 AC= B+Cx(DxE-F)
ADD B
           11 TY= B+Cx (Dx E-F)
STORE T2
           11 AC=A
LOAD A
           11 A(=A-B+(x(DxE-F)
SUB T2
           11 AC= (A-B+(x(DxE-F))/(G+HXK)
DIV T1
STORE X
```



negative with overflow > 5=1 V=1

$$A \angle B \Rightarrow \overline{A > 13} \Rightarrow (5 \oplus V) = 1$$