execules machine Cycle that performed indruction that get instruction ch, decide, execute programmy is Java byte Code. US > whith have java the address cas holds to/ns/suction. register de coded > register ratue in this Denhorns

and shared.	
Vii) mor 2020h, At Using address, by the	20
Vii) mor 2020h, At An address, by the cannot some orgister using address, by the	_
alve in that	
that an the register solve in that	
instance. The Alu then performs the	,
operations of ADD on the 8 glue By the Date By the values one	-
the pate By the values we	_
	_
wii mov · 2020h : Al : An Immediste ralve	_
live Cannot be moved in immedia	2
The Cannot be moved in immedia	te_
1	
B) my 2x axx by. There is nothing enten	1
B) mov 2 n ax, by. There?s nothing entending in this instruction as the Sizes are	
Some for both register.	_
c) ma al, word PTR [cbm]: Most be ay	
Save Size the illegal.	
1 1 1 1 1 1	. T
	_
1	٠.
ochist to store rely	1_
on immediate raise.	
on immediate 8 alve.	
Civ\ VIII	
(ix). 16 bit +32 bit+ (10566) = 13 26 by 6	
8.	
(x) A1	-
AX: 3670	
$CF = 1 \qquad Ax = A + 1.2$	
11 1 2	

```
Sf = 0
   2f = 0
  BX = FA77
       FA 78
       (f= 0
       SF = 1
       21=0
      Segment = 500 Fh
       Uff set = 53 p9h
             Addies : SB4B9
    Segment = 0891h
(ii)
              B 3/63h
          Address - BC8934
              SOADL
        Addies: ED32DL
                   10
          word
           word
                   20
     · iode
                    A,B
         XCHCI
                   Dump Reju
         Call
                     1,2,3,4,5,6,7,8,9,10,11,12,13
        data
              WORD
        X 1
                          10.26.
```

Scanned with CamScan

V	X2 WORD. 21,12,23,24, 25,26,27,28,29,30,3 32,33,34,35,36,37,39,39,40
	: Code mov ax, [X1+6]
	mov bn [x2] mov bn g[x2 +6] yold [x2] xchy[x2 +6); qx
-	- X1 30 xchy [X1+6] 3by
	bx i[x 2+2] mov ax;[x1+8]
Vi	mov [x2+2] > 9x
	1 2; 1 Extend (XI+8) 25 X
	mov ax [x1+10] ax1 [x1+10
	mov $bn > [x + 16].$ $bn > [x + 16]$
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	x chy (x1+10) 1 b x (x1+10) 2 b x
	mov = x [x 1 +12] mov but [x 2+26]
-!	may bx,[x2+12] xch, [x1+26],476
	xchy (x2+12), ax xchy (x2+26), ax xchy (x2+12), bx maray, [x1+28]
-	mov ax1 [x1+14] mov bn, [x2+28]
	mov bn > [x2+14] xch y [x1+28] > bx
	Yehy [x2+14),9x xchy [x2+28],0x
	mov ax 2 [x1+16] mov bx 2 [x1+36]
	mov bx , [x1+16] mov bx , [x2+30] mov bx , [x2+16] xchg [x1+30], bx
	xchy Lx 2+16 John xchy Lx2 + 307 2 av
	XCD [XI +16], alx mov, ax1 [X1-13]
	mor . 9x 1 [21 + 18] mar bx1 [x2+32]-

mov ba, [x2+18] mou bx1[x2+32] 6x xchy [x2+18],9x xchy L VI+ 32 Jag xchy ix [x1+18], bic xchy [x1+32) 2 bx mov ax [x 1426] mov bn , [n = +34] bn x chy[x2+34], qx mov bn, [x2+20] xchy [x1+20], bx mov 941 [41+36) mov bn, [x2+34]. X Chy [x1 + 34] , br xchy [x2+34] 29x. mov. bx 1 [x 1+22] mov bui [x 2+22] mov 9xx[x1+36] mov bx1 [42+36) x chy [x 1+22] 9 Br xchy[x1+36];bn xchy [x 2+22) 29x xchy [x2.+38] 9x mov ax = [x1+24] may bni [xx +24] mov ax; [x1+38] mov bx [[x 2+38] xchy [x1+24], by xchy [x2+24],9x x chy [x1+38) 2bx 1cg [x1+38] 1 bx xchy [x2 +38] 39x mov ax of (xi+40) mov bn 1 [x2+40] xchy [x 2+ 40) 9x XCHY CXI+40) bx