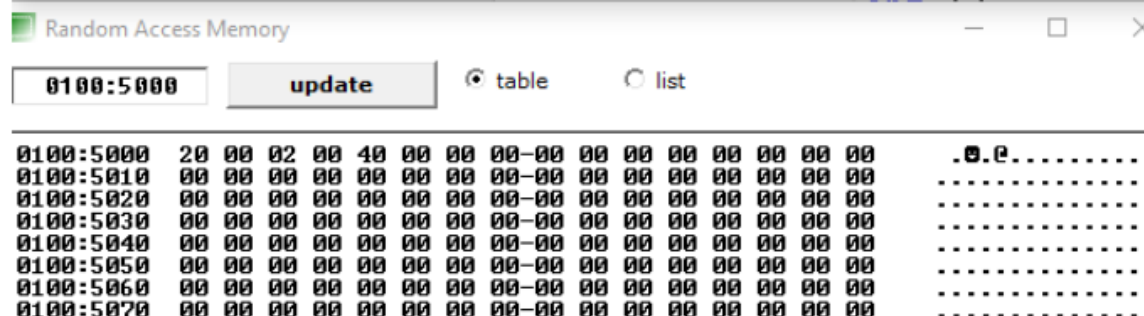


```

07  mov  bx, [5000h]
08  MOV  CX, [5002h]
09  mov  dx, 0000h
10  mov  ax, 0000h
11  l2:  add  ax, bx
12  jnc  l1
13  inc  dx
14  l1:  dec  cx
15  jnz  l2
16  mov  [5004h], ax
17  mov  [5006h], dx
18  hlt

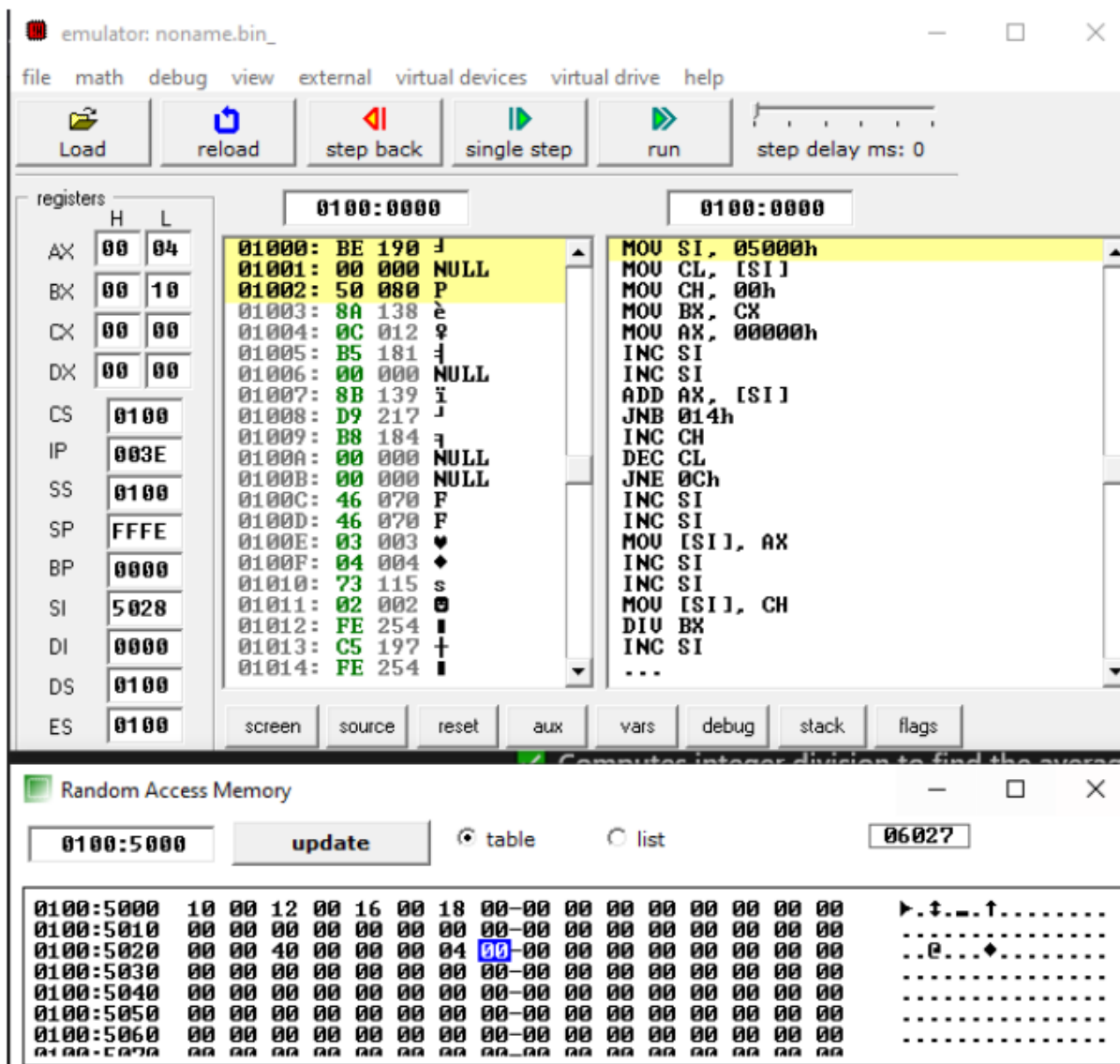
```



```

01 ;
02 ; OBJECTIVE 2
03 ; NAME = YASH KUMAR MISHRA
04 ; REG_NO = 2341013142
05 ; SECTION = 23412F1
06
07 mov si, 5000h
08 mov cl, [si]
09 mov ch, 00h
10 mov bx, cx
11 mov ax, 0000h
12 12: inc si
13 inc si
14 add ax, [si]
15 jnc 11
16 inc ch
17 11: dec cl
18 jnz 12
19 inc si
20 inc si
21 mov [si], ax
22 inc si
23 inc si
24 mov [si], ch
25 div bx
26 inc si
27 inc si
28 mov [si], ax
29 inc si
30 inc si
31 mov [si], dx
32

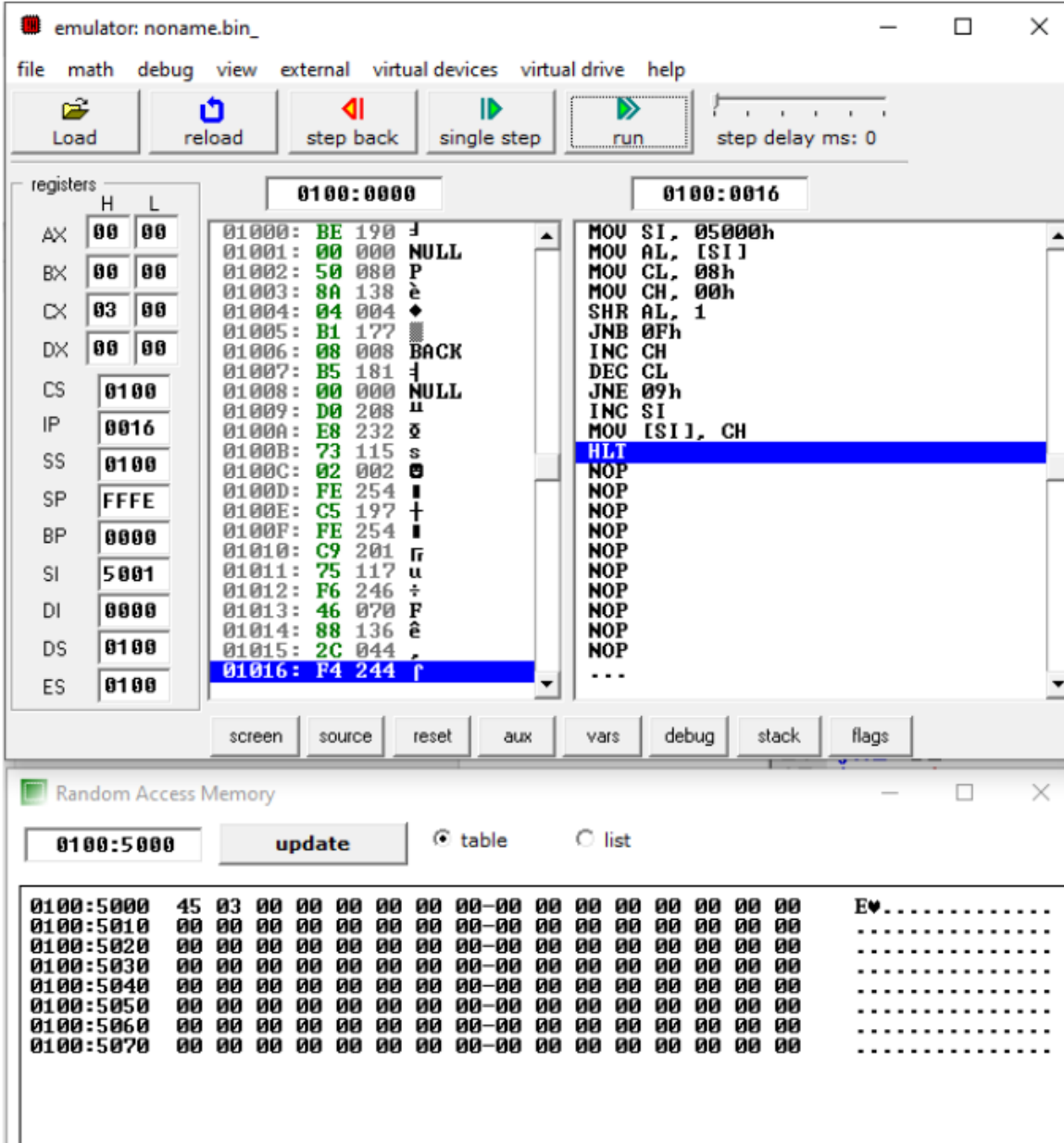
```



```

08 mov si, 5000h
09 mov al, [si]
10 mov cl, 08h
11 mov ch, 00h
12 12: shr al, 01h
13 jnc 11
14 inc ch
15 11: dec cl
16 jnz 12
17 inc si
18 mov [si], ch
19 hlt

```



```

01 ;
02 ; OBJECTIVE 4
03 ; NAME = YASH KUMAR MISHRA
04 ; REG_NO = 2341013142
05 ; SECTION = 23412F1
06
07
08 mov si 3000h
09 mov di 5000h
10 mov cl, 05h
11 11: mov bx, [si]
12 mov [di], bx
13 inc si
14 inc si
15 inc di
16 inc di
17 dec cl
18 jnz 11
19 hlt
20

```

