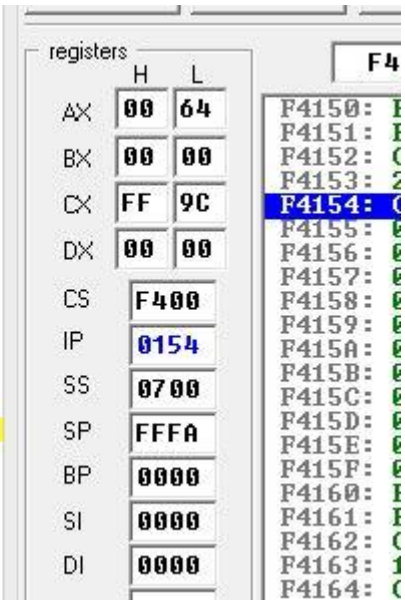
Name: Zahid **Assembly Language** **10-May-2019**

Lab 17

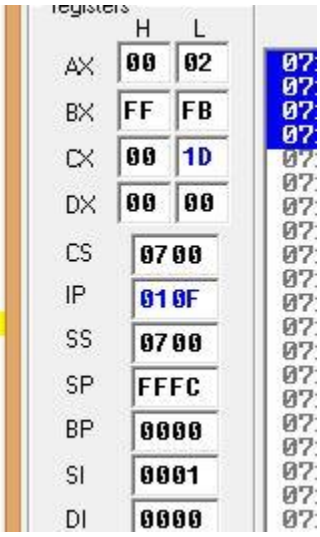
Task1:

```
org 100h

counter dw ?
mov ax,0
mov cx,65535

max:
add ax,10
inc counter
cmp ax,1000
jz full
loopnz max

full:

mov ax,counter
ret
```



Task 2:

```
org 100h

array dw 2,8,6,7,4,2

mov si,0


program:

mov ax,array[si]
mov bx,array[si]
inc si
sub bx,7
loopnz program

ret
```



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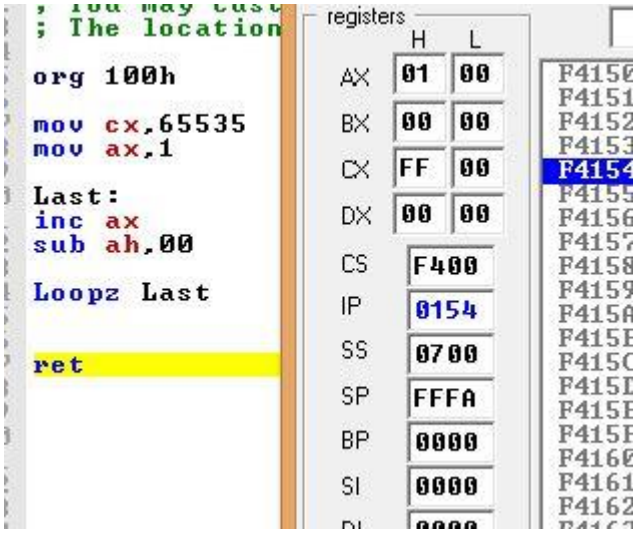
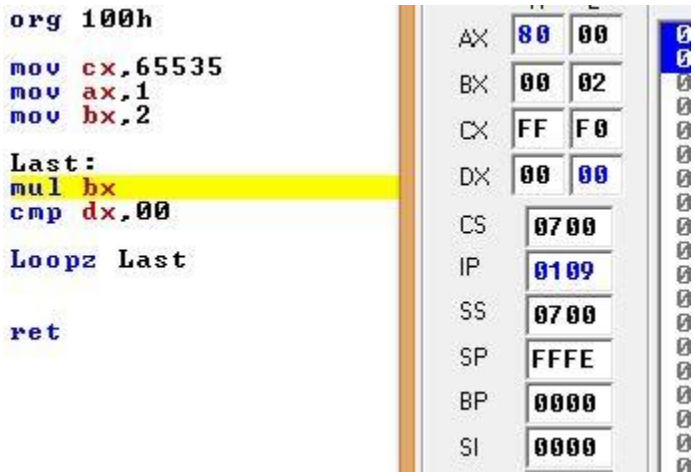
Task 3:



Task 4:



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Lab 20

Task 1 & 2: