add (55)
head = null
temp = new node
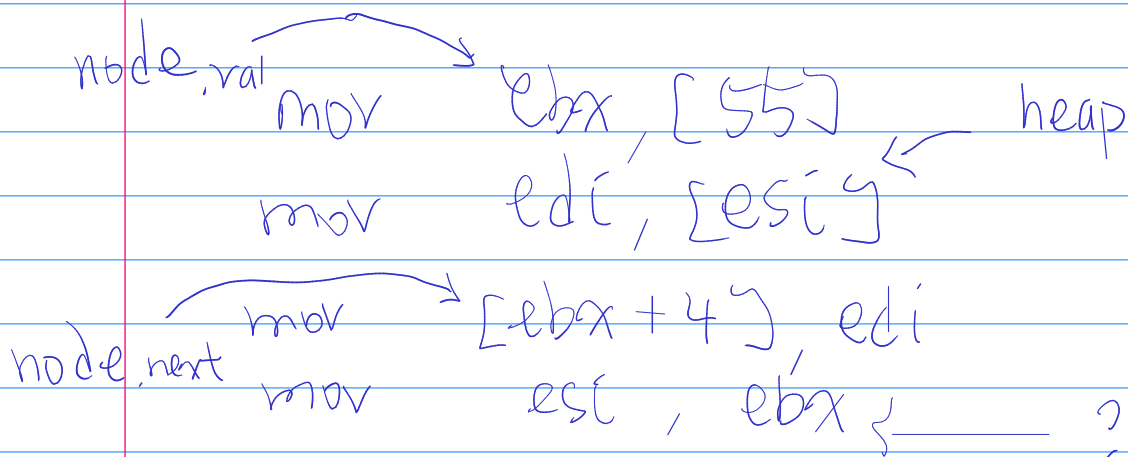temp.next = head
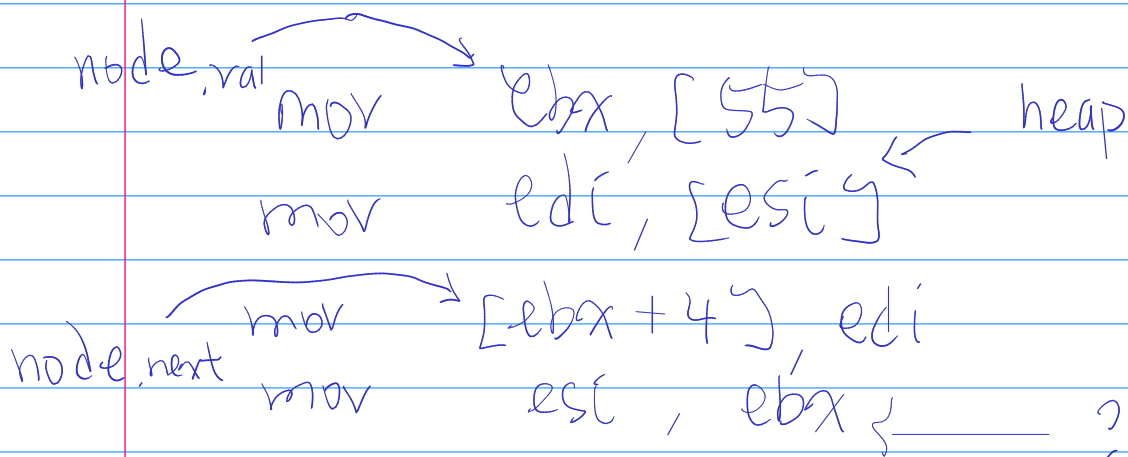temp val = 55
head = temp

struc Node

head   resb   node_size

node.val
            mov   ebx, [55]   heap
         mov   edi, [esi]
            mov   [ebx+4], edi
node.next   mov   esi, ebx ____ ?

        push dword, 0 ; sub esp,4

```asm
llea      esi, [ebp-4]    ; head

allocate heap space

mov       ebx,0
Int       80h

mov       edi, eax       ; edi = temp ptr
lea       ebx, [node_size]

int       80h

mov       dword [ edi + node.val ], 83
mov       eax, [esi]       ; eax = head
mov       dword [edi + node.next], eax ; temp.next
mov       [esi], edi  ; head = temp            = head
```