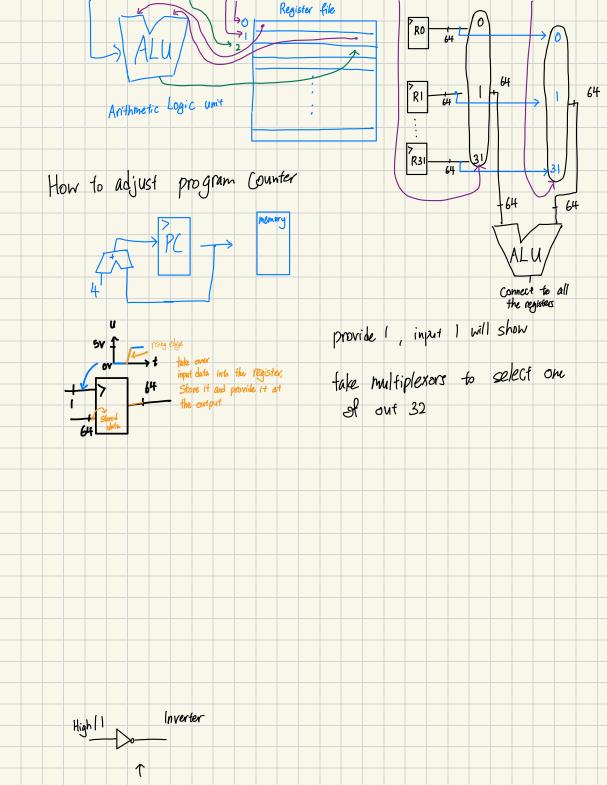
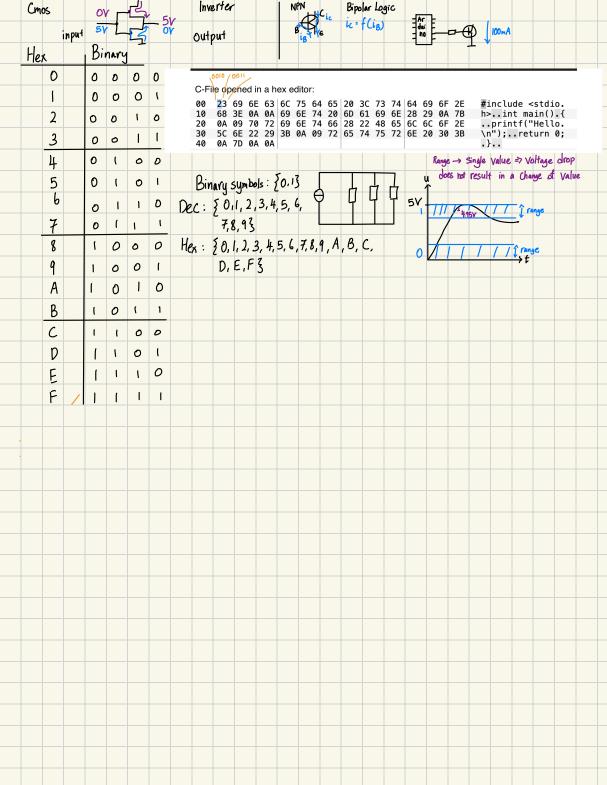
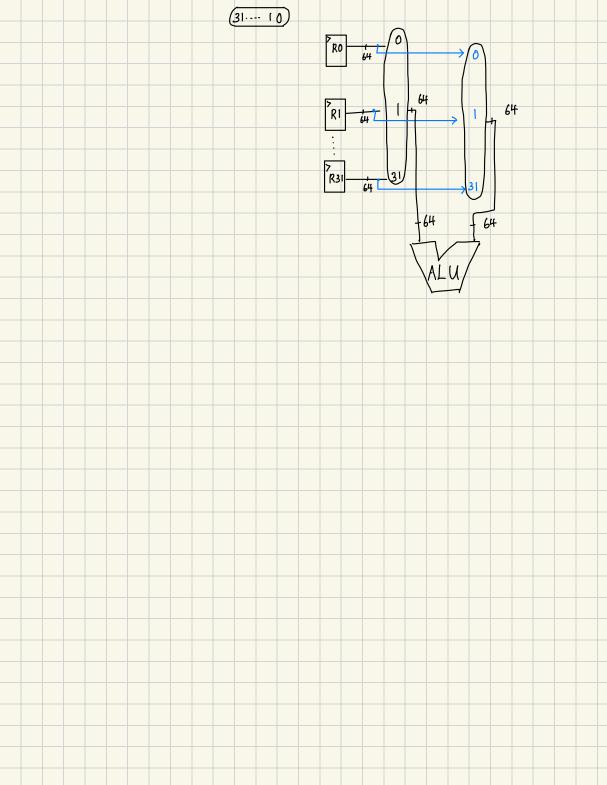
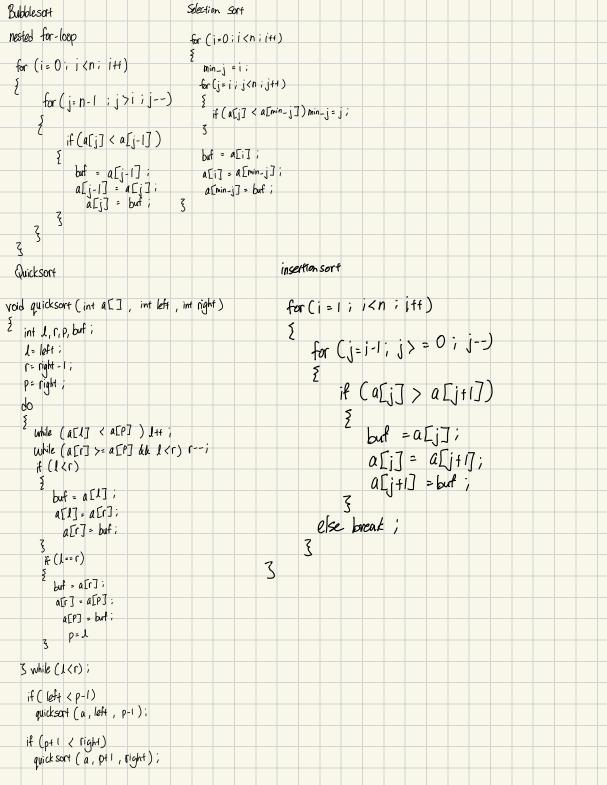


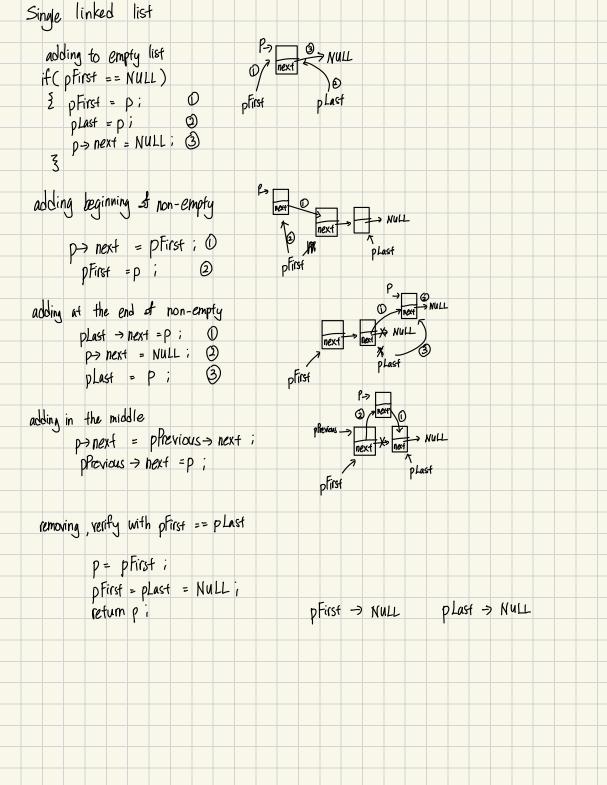
more human rendable representation of the Data stored on that address Address data sp, sp, #0x10 sub 0000000100003f78 FF4300D w8, #0x3 0000000100003f7c | 68008052 mov w8, [sp, #0x10 +str 0000000100003f80 F80F00B9 w8, #0x5 mov 0000000100003f84 A8008052 w8, [sp,  $\#0 \times 10 +$ str 0000000100003f88 E80B00B9 Data stored delress more human readable on that address representation of the data -- 78 operants 100000100003f78 sub sp, sp, #0x10 100000100003f7c 68008052 mov w8, #0x3 100000100003f80 str w8, [sp, #0x10 + var\_4] 100000100003f84 A8008052 mov w8, #0x5 100000100003f88 str w8, [sp, #0x10 + var\_8] w8, [sp, #0x10 + var 4] 100000100003f8c E80F40B9 ldr w9, [sp, #0x10 + var 8] 100000100003f90 ldr w8, w8, w9 100000100003f94 add w8, [sp, #0x10 + var\_C] str 100000100003f98 w0, #0x0 mov 100000100003f9c 00008052 sp, sp, #0x10 add 00000100003fa0 FF430091 ret 00000100003fa4 endp instruction word PC Program Counter Destination Source 1 Source 2 Ox 20 : addition What to do Ox 28: Subtraction 0 x C0035FD6

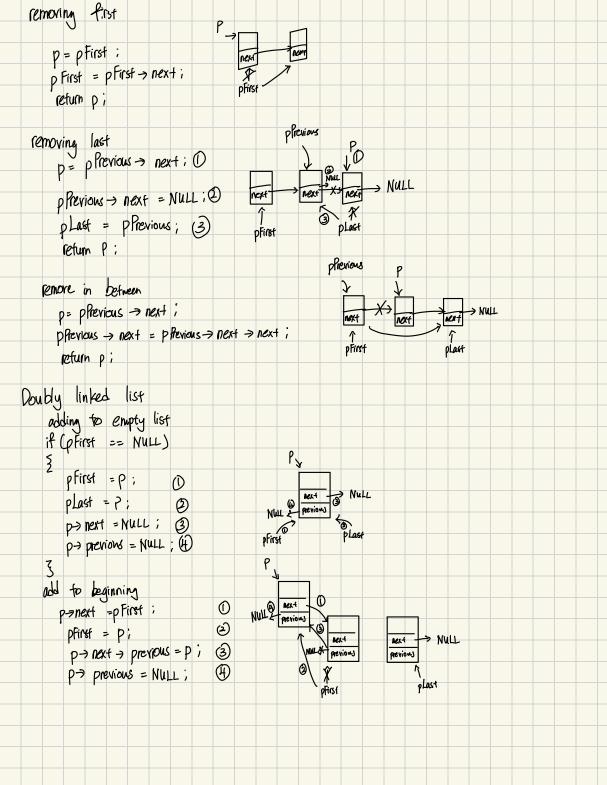


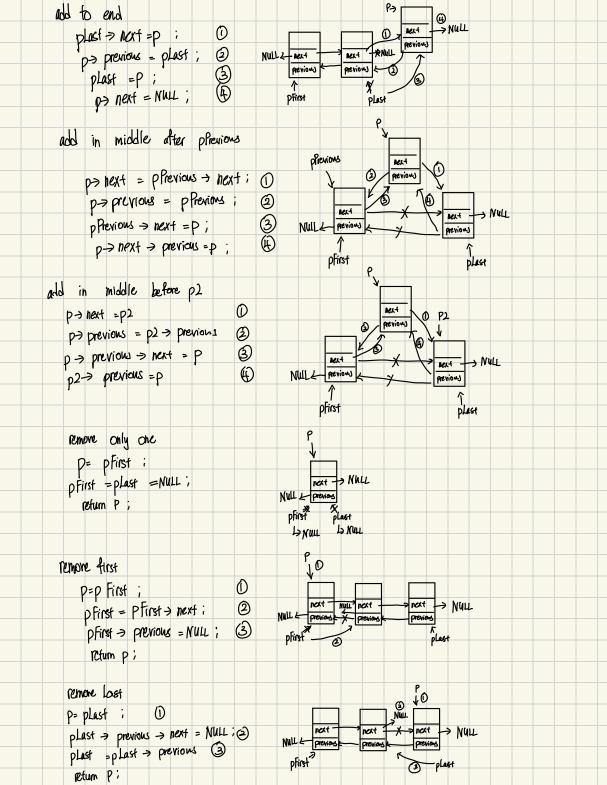


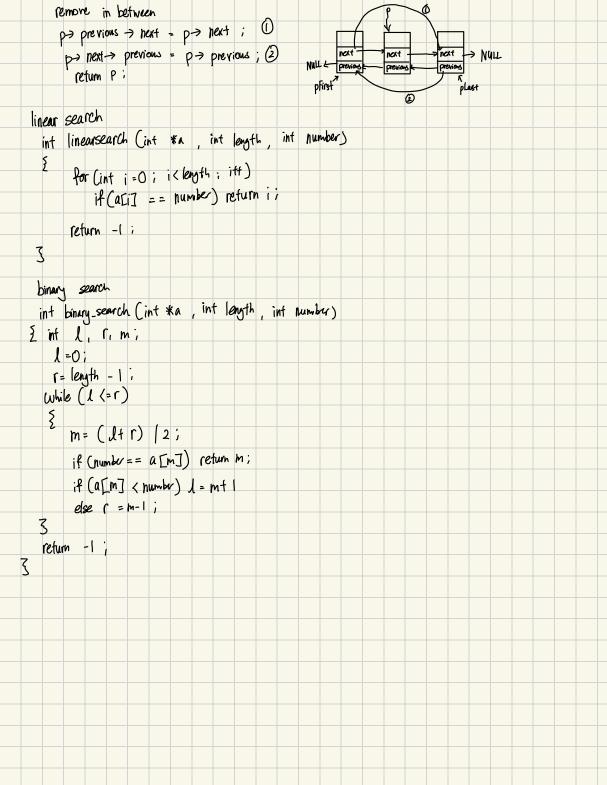












```
searching in Linked list
To store an integer in a doubly linked list
       struct Integer
           inf i;
           struct Integer * pNext;
           Struct Integer * p Previous;
       declaration of pointer for first and Last
              struct Integer * pfirst , * plast ;
       if list is empty
      if Cofirst == NULL)
       { prinst = plast =p;
           p-> pNext = p-> pPrevious = NULL;
       if list no empty
       if CpRun == pfirst &l p>i < pRun >i)
       if add before first
        if CpRun == pfirst (h p>i < pRun>i)
        { p> pMext = pRun;
          pRun > pPrevious = P;
           P> pfrevious = NULL;
           pfinst =p ;
           refurn ;
       if add at the end
       if (pRun > pNext == NULL)

≥ pRun → pNext =p;

          p-> pPrevious = pRun;
          p = pNew = NULL;
          plast = p;
          Rturn
       3
```

