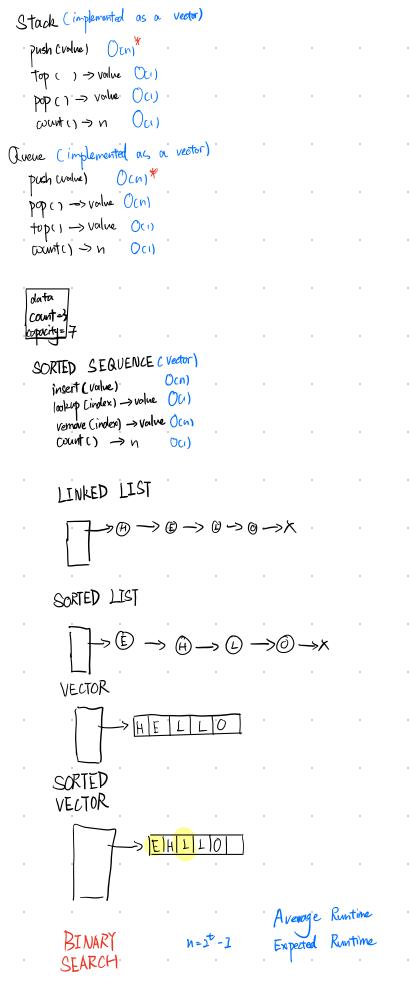
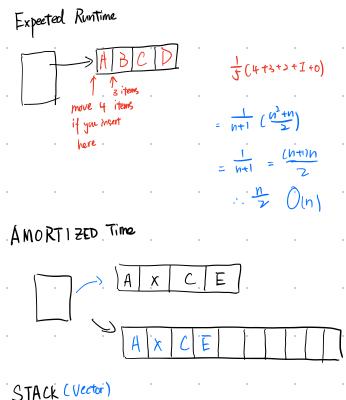
```
insert ( value, index) O(n) [SEQUENCE]
                                                      $ O Cn) 40.0(1)
/ookup cinden) → volue Ocn)
remove (index) -> voilve Ocn)
 count ( ) -> Oca)/Oci)
                                                         There is push operation and pop operation
Stack frame (implemented as linked list)
                                                         Search an element in the stock
   push Cvalue 1 Oci)
                               最后输入的先处理
                                                          is 002)
   top() -> value ()(1)
                               通常处理最后个数据
                                                          import alkation from deque
   pop() -> value ()(1)
   count_c) \rightarrow n (01)
   followed the principle of "LIFO
                        I Last In. First Out].
QUE UE FIFO: EFirst In. First Out]
                              先输入的规理
  push (value) -> value (1)
                              通常处理第一个数据
   top ( ) -> value.
                      0¢1)
   popl) -> value
                      0(1)
                      0(1)
   count ()
 DEQUE Double-Ended QUEVE
   implement as double linked list
Linked list
Vector (Dynamic oring) [SEQUENCE]
         -> C B M
|count | = 3
```

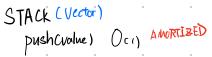
function: insert [Volue. Index) OCA)
. lookup Lindex) -> value OCI)

count() ->n

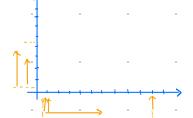
remove cindex) -> value Ocn)











That's linear time, when axis is indeasing linearly, the vertical axis also increase linearly