

```

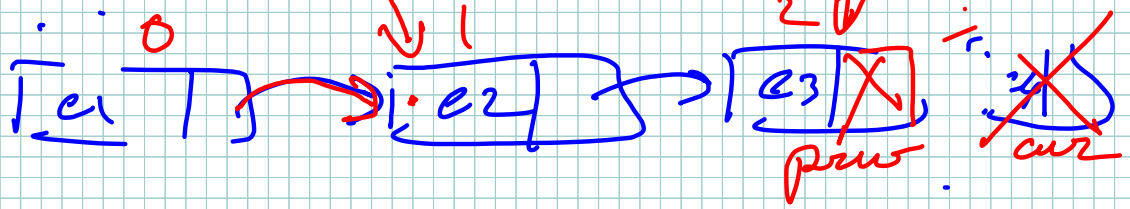
runsort (sortType, arrayType, arraySize, 10)
→ (BubbleSort, Equal, 1000, 10) —
   (BubbleSort, Increasing, 1000, 10) —
   (BubbleSort, Decreasing, 1000, 10) —
   (BubbleSort, Random, 1000, 10) —
   (BubbleSort, Increasing And Random, 1000, 10) —

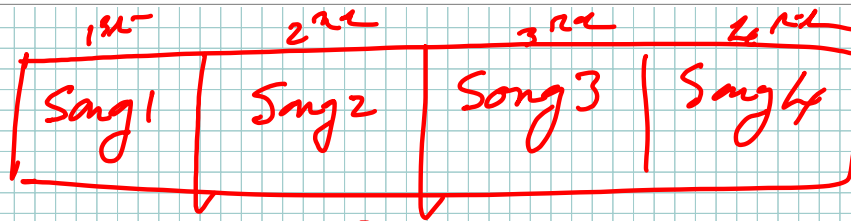
```

```
runSort ( ) {  
    for (i=0; i < number of Times; i++) {  
        array = create Array ( );  
        start Time  
        sort  
        end Time  
        add Test Time;  
    }  
}
```

head

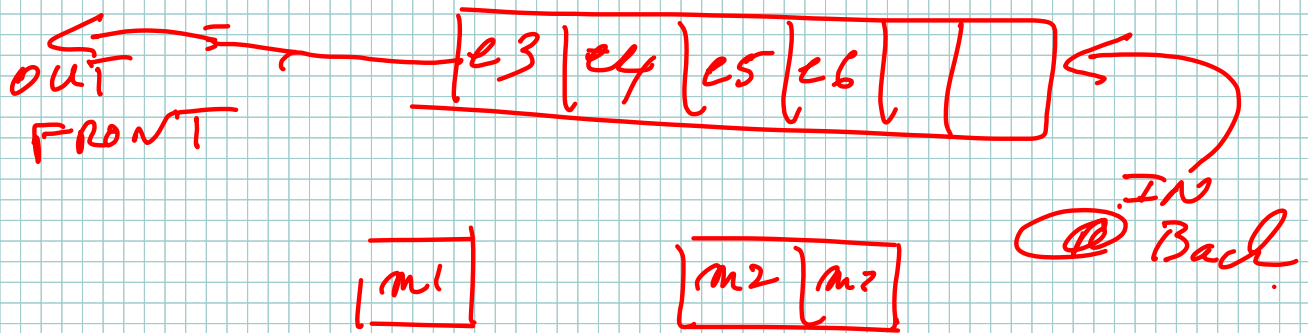
tail





Queue

FIRST IN (FIFO)
FIRST OUT



QUEUE ADT:

enqueue (element)
element ← dequeue ()
size ← size ()
boolean ← isEmpty ()
removeAt (i)
peek ()
element ← dequeue (indices)

Stack ADT

push (element)

size ← size ()

boolean ← isEmpty ()

element ← pop ()

element ← peek ()

clear ()

LAST IN
FIRST OUT

LIFO

