

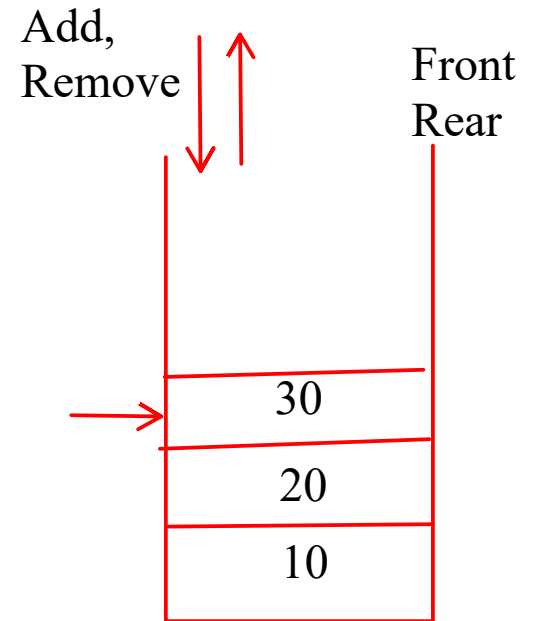
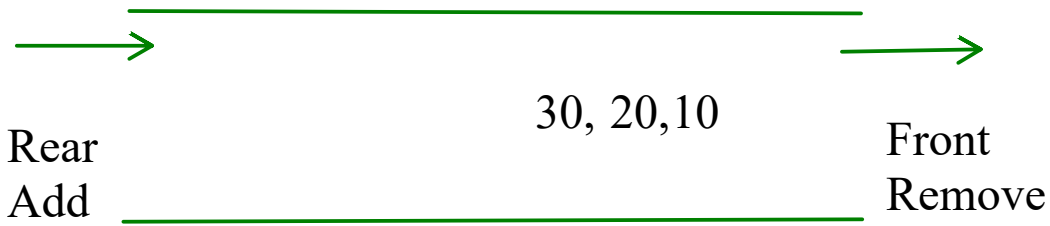
Collection
List

Collections.sort(list,comparator)

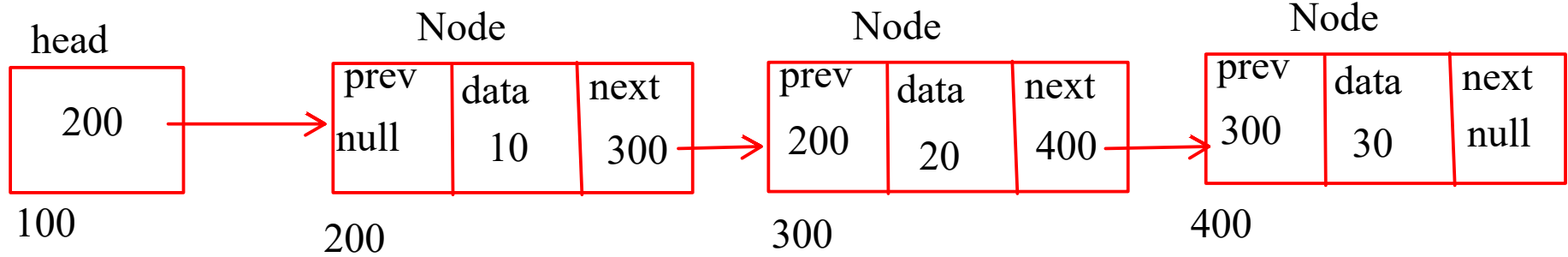
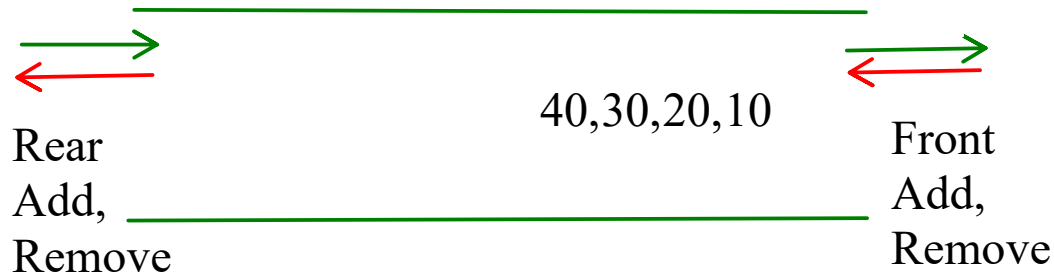
ArrayList

for
Iterator iterator() -> Iterable interface

Queue



Dequeu

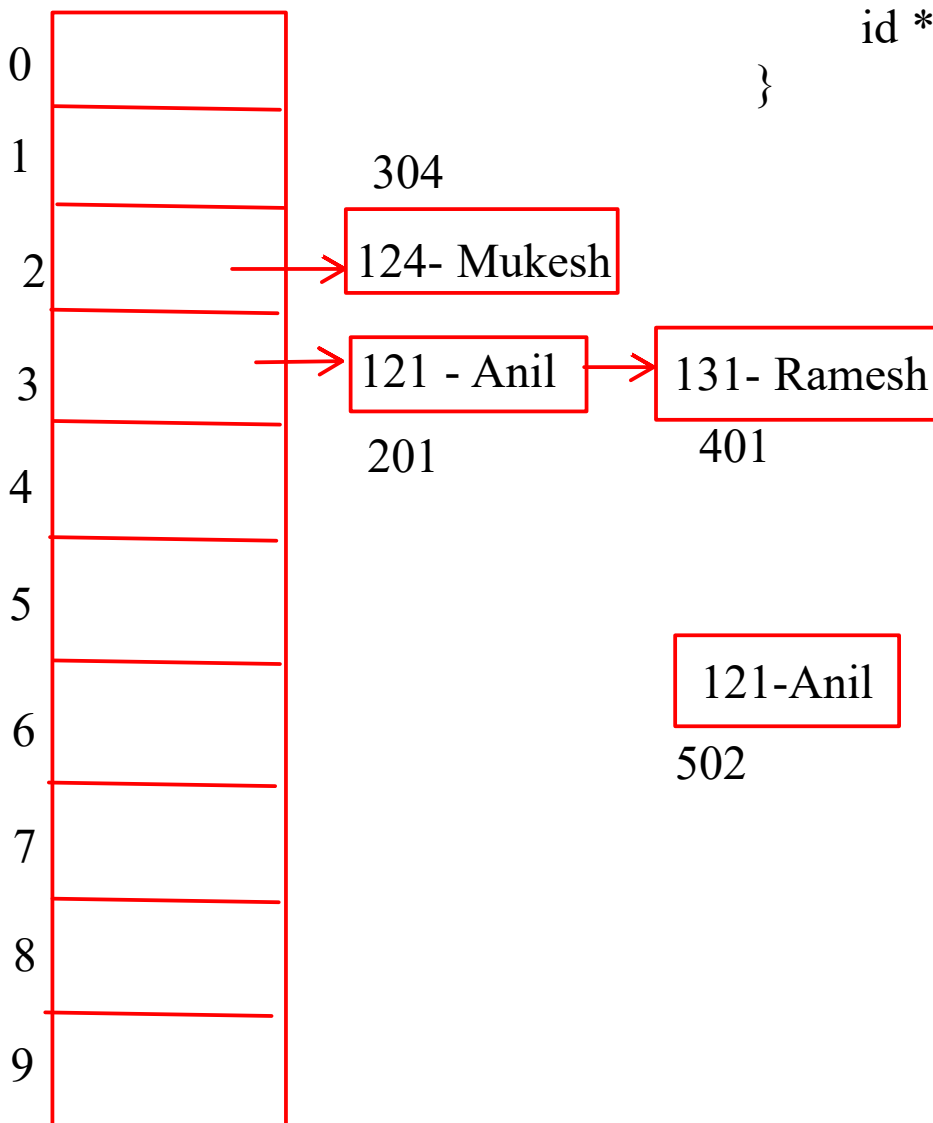


Slots

bucket

```
int hashfunction(){
    id * 3
}
```

Slot = hashfunction % noofslots
= 363 % 10
= 3



121 * 3
363

124 * 3
372

131 * 3
393

LoadFactor = noofelements / no of slots
= 5 / 10
= 0.5

LF = 10/10
= 1

LF = 15/10
= 1.5

slot = 372%10
= 2

slot = 393 % 10
= 3

LF<=1
Open Addressing
LF>1
Seperate Chaining