Priority Queue with fast-deQueuing

enQueue

```
"D"    "E"    "A"    "B"         "C"
 5      4      2      1           3
```
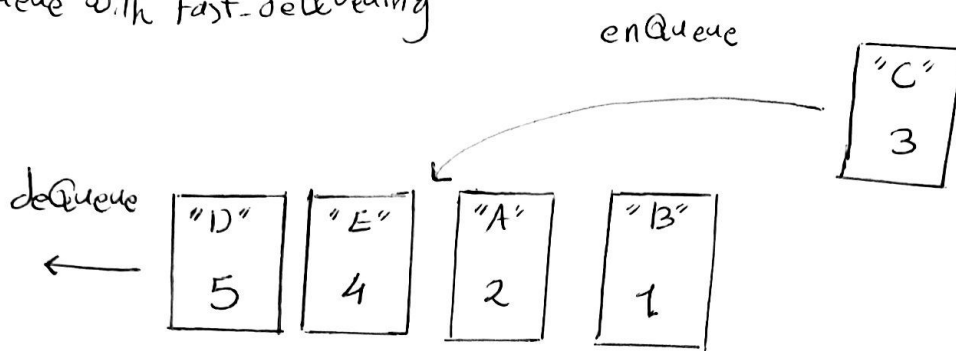
deQueue ←

enQueue : O(n)
deQueue : O(1)

Priority Queue with fast-enQueuing

deQueue

```
"E"    "D"    "B"    "A"    enQueue   "C"
 4      5      1      2       ←        3
```
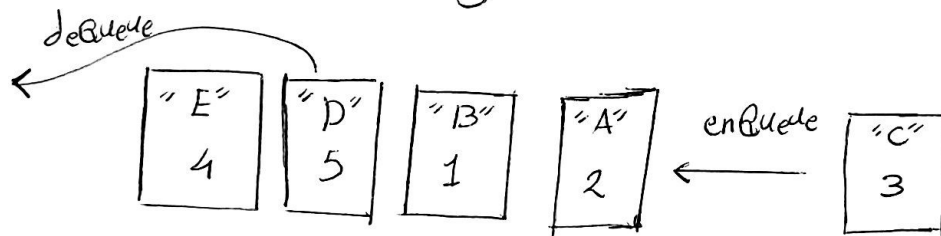
deQueue ←

enQueue : O(1)
deQueue : O(n)

deQueue:

* Search for the packet with highest priority
* delete the highest priority packet from the linked list
* return the Data inside the highest priority packet