List

Array List:

Operation	add()	add(index, element)	get()	indexOf()	remove(index)	contains()
Time - Complexity	O(1)	O(n)	O(1)	O(n)	O(n)	O(n)

Linked List:

Operation	add()	add(index, element)	get()	remove(element)	remove()	remove(index)	contains()
Time - Complexity	O(1)	O(n)	O(n)	O(n)	O(1)	O(n)	O(n)

Map

Hash Map:

Operation	get(index)	put(val)	remove(val)	contains(val)
Time - Complexity	O(1)	O(1)	O(1)	O(1)

Tree Map:

Operation	get(index)	put(val)	remove(val)	contains(val)
Time - Complexity	O(log(n))	O(log(n))	O(log(n))	O(log(n))

LinkedHash Map:

Operation	get(index)	put(val)	remove(val)	contains(val)
Time - Complexity	O(1)	O(1)	O(1)	O(1)

Set

Hash Set:

Operation	get(index)	remove(val)	contains(val)	size()
Time - Complexity	O(1)	O(1)	O(1)	O(1)

Tree Set:

Operation	get(index)	remove(val)	contains(val)	size()
Time - Complexity	O(log(n))	O(log(n))	O(log(n))	O(1)

LinkedHash Set:

Operation	get(index)	remove(val)	contains(val)	size()
Time - Complexity	O(1)	O(1)	O(1)	O(1)

Queue:

Priority Queue:

Operation	offer()	poll()	remove()	add()	remove()	contains()	peek() element() size()
Time - Complexity	O(log(n))	O(log(n))	O(log(n))	O(log(n))	O(n)	O(n)	O(1)

```
Queue                  | Offer    | Peak | Poll      | Remove | Size | Data Structure
-----------------------|----------|------|-----------|--------|------|---------------
PriorityQueue          | O(log n) | O(1) | O(log n)  | O(n)   | O(1) | Priority Heap
LinkedList             | O(1)     | O(1) | O(1)      | O(1)   | O(1) | Array
ArrayDequeue           | O(1)     | O(1) | O(1)      | O(n)   | O(1) | Linked List
```