

IntArrayList asymptotic analysis

add(int item): O(1), O(n) if need to increase size

add(int pos, int item): O(n) worst case, if inserted at the beginning of the list

add(addAfter): O(n) because needs to shift elements

addAll(): O(m) where m is the list to be added, or O(n+m) if resize is required.

checkCapacity(): O(1), or O(n) if needs to resize