Unified Modeling Language (UML)

ADTSortedList

-itemCount: int

-maxNumberOfItems: int

+SortedList(): void

+SortedList(maxSize: int): void +sortedListIsEmpty(): bool +sortedGetLength(): int

+sortedInsert(newItem: ListItemType): bool +sortedRemove(anItem: ListItemType): bool

+sortedRetrieve(index: int, dataItem: ListItemType): bool

+locatePosition(anItem: ListItemType): int