**Unified Modeling Language (UML)**

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| --- |
| 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 |