

```
public class ArrList<T> implements ListInterface<T> {  
    private T[] contents;  
    private int numberOfEntries;  
    private static final int DEFAULT_CAPACITY = 25;  
    private static final int MAX_CAPACITY = 10000;
```

hardware Co
contents

Apple	IBM	HP	Lenovo	Fujitsu	Fujitsu	
0	1	2	3	4	5	6

Handwritten annotations in pink:

- A bracket above index 1 points to "Samsung".
- A bracket above index 2 points to "IBM".
- A bracket above index 3 points to "HP".
- A bracket above index 4 points to "Lenovo".
- A bracket above index 5 points to "Fujitsu".

hardware Co. odd (Fujitsu)

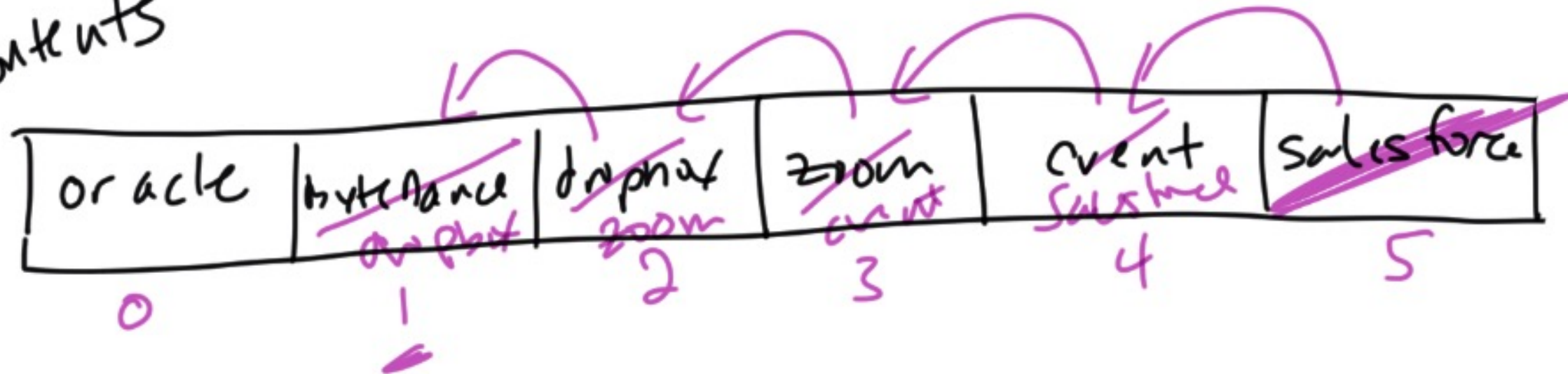
hardware Co. odd (1, Samsung)

Javadocs for add(int newPosition, T newEntry) in ListArr<T>

```
/**
 * Adds a new entry at a specified position within this list. Entries
 * originally at and above the specified position are at the next higher
 * position within the list. The list's size is increased by 1.
 *
 * @param newPosition
 *           An integer that specifies the desired position of the new
 *           entry.
 * @param newEntry
 *           The object to be added as a new entry.
 * @throws IndexOutOfBoundsException
 *           if either newPosition less than 0 or newPosition greater than
 *           the size of the list.
 */
```

Software Co

contents



Software Co. remove (1)

Javadocs for remove(int newPosition) in ListArr<T>

```
/**
 * Removes the entry at a given position from this list. Entries originally
 * at positions higher than the given position are at the next lower
 * position within the list, and the list's size is decreased by 1.
 *
 * @param givenPosition
 *         An integer that indicates the position of the entry to be
 *         removed.
 * @return A reference to the removed entry.
 * @throws IndexOutOfBoundsException
 *         if either givenPosition less than 0 or givenPosition
 *         greater than or equal to the size of the list.
 */
```