Class ItemDriver

java.lang.Object
    ItemDriver

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class **ItemDriver**
extends Object

Field Summary

Fields

Modifier and Type	Field	Description
private static final int	**SIZE**	

Constructor Summary

Constructors

Constructor	Description
ItemDriver()	

Method Summary

All Methods	Static Methods	Concrete Methods

Modifier and Type	Method	Description
static Item[]	**addItem**(Item[] itemList, int numOfItems, **String** name, double price)	
static Item[]	**addItem**(Item[] itemList, int numOfItems, **String** name, double price, int bulk, double bulkPrice)	
static Item[]	**copyArray**(Item[] itemList, int numOfItems)	
static void	**main**(**String** [] args)	
static void	**printCart**(Item[] itemList, int numOfItems)	
static int	**removeItem**(**String** itemName, Item[] itemList, int numOfItems)	

Methods inherited from class java.lang.Object

```
clone , equals , finalize , getClass , hashCode , notify , notifyAll ,
toString , wait , wait , wait
```

Field Details

SIZE

```
private static final int SIZE
```

See Also:

Constant Field Values

Constructor Details

ItemDriver

```
ItemDriver()
```

Method Details

main

```
public static void main(String [] args)
```

printCart

```
public static void printCart(Item[] itemList,
                             int numOfItems)
```

Parameters:

`itemList` -- an item object array

`numOfItems` -- represents the current number of objects you want in the array

addItem

```
public static Item[] addItem(Item[] itemList,
                             int numOfItems,
                             String  name,
                             double price)
```

Parameters:

`itemList` - - an item object array

`numOfItems` - - represents the current number of objects you want in the array

`name` - - the name of the item you want to add to the array

`price` - - the price for one quantity of the item added to array

Returns:

itemList - returns itemList updated with the new item

addItem

```
public static Item[] addItem(Item[] itemList,
                             int numOfItems,
                             String  name,
                             double price,
                             int bulk,
                             double bulkPrice)
```

Parameters:

`itemList` - - an item object array

`numOfItems` - - represents the current number of objects you want in the array

`name` - - the name of the item you want to add to the array

`price` - - the price for one quantity of the item added to array

`bulk` - - represents the amount of quantity required to be eligible for bulk price

`bulkPrice` - - represents the bulk price, usually cheaper

Returns:

itemList - returns itemList updated with the new item

removeItem

```
public static int removeItem(String  itemName,
                             Item[] itemList,
                             int numOfItems)
```

Parameters:

`itemName` - - represents the name of the item to remove from array

`itemList` - - represents the current object array

`numOfItems` - - represents the current number of objects you want in the array

Returns:

itemList - returns itemList updated with the new item

copyArray

```
public static Item[] copyArray(Item[] itemList,
                               int numOfItems)
```

Parameters:

`itemList` - - represents the current object array

`numOfItems` - - represents the current number of objects you want in the array

Returns:

newList - returns the copied object array with an extra index

Throws:

`IllegalArgumentException`   - if the itemList is empty or null