```java
import java.util.*;
public class groceryList implements ShoppinListInter{
    ArrayList<String> shoppinglist=new ArrayList<String>();
     ArrayList<Integer> shoppingprices=new ArrayList<Integer>();
    ArrayList<Integer> itemamounts=new ArrayList<Integer>();
    void addItem(String newitem, Integer amount,Integer price ){
        shoppinglist.add(newitem);
         for(Integer h=0; h<shoppinglist.size();h++){
            if(price==shoppingprices.get(h)){
                shoppingprices.set(h+amount);
            }
            else{
                shoppingprices.add(amount);
                break;
            }
        }
        for(Integer i=0; i<shoppinglist.size();i++){
            if(newitem==shoppinglist.get(i)){
                itemamounts.set(i+amount);
            }
            else{
                itemamounts.add(amount);
                break;
            }
        }

    }
    void removeItem(Integer location){
    shoppinglist.remove((location-1));
    }
    void updateQuantity(int quantitylocation, int amountadded){
        int updatedquantity = (itemamounts.get(quantitylocation-1) + amountadded);
        itemamounts.set(quantitylocation-1,updatedquantity);

    }

    void calculateTotalCost(){
        Integer totalprice;
        for(Integer h=0; h<shoppinglist.size();h++){
            Integer totalprice = shoppingprices.get(h)+totalprice;
    }
    }
    void printGroceryList(){
        System.out.prIntegerln(ShoppingList);
```

```
        }
}
```

ShoppingListInter.Java
```java
public interface ShoppinListInter {
    void addItem();
    void removeItem();
    void updateQuantity();
    void calculateTotalCost();
    void printGroceryList();
}
```

Main
```java
import java.util.*;
/*
Online Java - IDE, Code Editor, Compiler

Online Java is a quick and easy tool that helps you to build, compile, test your programs online.
*/

public class Main
{
    public static void main(String[] args) {
        groceryList ihatelife = new groceryList();

    }
}
```