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//-----
// Author: Shyaan Khan    Period: 4           Date: 1/13/2015
// Description:
//-----

/**
 * @author mv.skhan
 *
 */
public class item {

    private int id;
    private int qty;
    private double price;
    private String name;

    public item(int id, int qty, double price, String name)
    {
        this.id = id;
        this.qty = qty;
        this.price = price;
        this.name = name;
    }

    public String toString()
    {
        return "The ID Number is "+id+"\nThe quantity is "+qty+"\nThe price is "+price+"\nThe name is "+name;
    }

}

```

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```
public class ShoppingCart {
    private int count;
    private int totalCost;

    ArrayList <String> itemList = new ArrayList<String> (3);

    public ShoppingCart()
    {
        count = 0;
        totalCost = 0;
    }

    public ArrayList addItem(int id, int qty, double price, String name)
    {

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        ArrayList <item> adds = new ArrayList <item> ()
        return adds;
    }

    public String toString()
    {
        return "The amount of items"+count+"\nThe total cost "+totalCost;
    }

    public int searchForItem(int id)
    {
        int size = itemList.size();
        for(int index = 0; index<size; index++)
        {
            if(itemList.get(index) == id) //how to fill the itemList array
            {

            }

        }

        return 2;
    }

    public removeItem()
    {

    }

    public double getTotalCost()
    {

        return 0.00;
    }

}

```

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```

import java.io.BufferedReader;
import java.io.FileReader;
import java.util.ArrayList;
import java.util.Scanner;
import java.io.FileNotFoundException;

public class Shop {
    public static void main(String [] args) throws Exception
    {
        ArrayList <item> tempArray = new ArrayList<item> (4);

        BufferedReader br = new BufferedReader(new
        FileReader("src:\\shoppingList.txt"));
    }
}

```

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String line = null;

while ((line = br.readLine()) != null)
{
    item newItem = new item(20001,5,3.00,"Pears");

    String[] values = line.split(",");
    for (String str : values)
    {
        item
        tempArray.add(str);
        System.out.println(tempArray);
    }

    Scanner scan = new Scanner(System.in);
    System.out.print("Write the I.D. of the item you want to add to the
Shopping Cart: ");
    int addedItem = scan.nextInt();
    System.out.println();
    System.out.print("Quantity: ");
    int quantity = scan.nextInt();
    System.out.println();
    System.out.print("Write 0 if done shopping, or write 1 if you want to
continue: ");
    int decision = scan.nextInt();

    }
}

```