```java
import java.util.Scanner;
import java.text.NumberFormat;
public class Main
{
    public static void main (String[] args)
    {
        Scanner scan = new Scanner (System.in);
        NumberFormat fmt = NumberFormat.getCurrencyInstance();
        int capacity = 0;
        String name = "";
        int quantity;
        double price;
        ShoppingCart3 cart1 = new ShoppingCart3();

        System.out.print ("\fWelcome! Would you like to begin shopping? (Y/N): ");
        char begin = scan.nextLine ().charAt(0);

        if ( begin == 'N' || begin == 'n' )
        {
            System.out.println ("Thank you for visiting!");
        }

        if ( begin != 'n' || begin != 'n' )
        {
            while ( begin != 'n' && begin != 'N' )
            {
                System.out.print ("To begin, type in the name of the item you "
                    + "wish to buy: ");
                name = scan.nextLine ();

                System.out.print ("What is the item's price? ");
                price = scan.nextDouble ();

                System.out.print ("How many of the item would you like to buy? ");
                quantity = scan.nextInt ();
                System.out.println ();

                System.out.println ("You have completed your " + (capacity + 1) +
                    " entry.");
                capacity++;
                scan.nextLine();

                cart1.addToCart (name, price, quantity);

                System.out.println ("----------------------------");
                System.out.println (cart1);
                System.out.println ("----------------------------");

                System.out.print ("Would you like to continue shopping? (Y/N): ");
                begin = scan.nextLine().charAt(0);

            }
            System.out.println ("Thank you for shopping. Here is your final item list: ");
            System.out.println ();
            System.out.println ("------------------------------");
            System.out.println (cart1);
            System.out.println ("------------------------------");
            System.out.println ();

            System.out.println ("Please pay: " + fmt.format (cart1.getTotalPrice()));
        }
    }
}

// Shoping class


import java.text.NumberFormat;
import java.util.ArrayList;

public class ShoppingCart3
{
    private double totalPrice;
    private ArrayList<Item> cart;

    public ShoppingCart3()
    {
        totalPrice = 0.0;
```

```java
            cart = new ArrayList<Item>();
    }
    public void addToCart(String itemName, double price, int quantity)
    {
        cart.add(new Item (itemName, price, quantity));
        totalPrice += price * quantity;
    }


    public String toString()
    {
        NumberFormat fmt = NumberFormat.getCurrencyInstance();
        String contents = "\nShopping Cart\n";
        contents += "\nItem\t\tUnit Price\tQuantity\tTotal\n";
        for (int i = 0; i < cart.size(); i++)
            contents += cart.get(i).toString() + "\n";
        contents += "\nTotal Price: " + fmt.format(totalPrice);
        contents += "\n";
        return contents;
    }

    public double getTotalPrice()
    {
        return totalPrice;
    }
}


// Item class

import java.text.NumberFormat;
public class Item
{
    private String name;
    private double price;
    private int quantity;


    public Item (String itemName, double itemPrice, int numPurchased)
    {
        name = itemName;
        price = itemPrice;
        quantity = numPurchased;
    }

    public String toString ()
    {
        NumberFormat fmt = NumberFormat.getCurrencyInstance();
        return (name + "\t\t" + fmt.format(price) + "\t\t" + quantity + "\t\t"
            + fmt.format(price*quantity));
    }


    public double getPrice()
    {
        return price;
    }

    public String getName()
    {
        return name;
    }


    public int getQuantity()
    {
        return quantity;
    }
}
```

```
C:\WINDOWS\system32\cmd.exe                                    —  □  ×

Shopping Cart

Item            Unit Price      Quantity        Total
Tel             Rs.20.00              3                  Rs.60.00
parle           Rs.10.00              4                  Rs.40.00
rava            Rs.40.00              3                  Rs.120.00

Total Price: Rs.220.00

----------------------------
Would you like to continue shopping? (Y/N): N
Thank you for shopping. Here is your final item list:

----------------------------

Shopping Cart

Item            Unit Price      Quantity        Total
Tel             Rs.20.00              3                  Rs.60.00
parle           Rs.10.00              4                  Rs.40.00
rava            Rs.40.00              3                  Rs.120.00

Total Price: Rs.220.00

----------------------------

Please pay: Rs.220.00

C:\Users\Tejas\Desktop\Sayali>
```

```
C:\WINDOWS\system32\cmd.exe                                    —  □  ×

Shopping Cart

Item            Unit Price      Quantity        Total
Tel             Rs.20.00              3                  Rs.60.00
parle           Rs.10.00              4                  Rs.40.00
rava            Rs.40.00              3                  Rs.120.00

Total Price: Rs.220.00

----------------------------
Would you like to continue shopping? (Y/N): N
Thank you for shopping. Here is your final item list:

----------------------------

Shopping Cart

Item            Unit Price      Quantity        Total
Tel             Rs.20.00              3                  Rs.60.00
parle           Rs.10.00              4                  Rs.40.00
rava            Rs.40.00              3                  Rs.120.00

Total Price: Rs.220.00

----------------------------

Please pay: Rs.220.00

C:\Users\Tejas\Desktop\Sayali>
```