

## SOLUTION.JAVA

```
package org;

import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.util.ArrayList;
import java.util.List;

import com.Pizza;
import com.Cart;
import com.account.Address;

public class Solution {

    public static void main(String[] args) throws IOException {
        BufferedReader br = new BufferedReader(new
        InputStreamReader(System.in));

        System.out.print("Enter name : ");
        String name = br.readLine();

        System.out.print("Enter DoorNumber : ");
        String doorNumber = br.readLine();

        System.out.print("Enter StreetName : ");
        String streetName = br.readLine();

        System.out.print("Enter Loaction : ");
        String location = br.readLine();

        System.out.print("Enter City : ");
        String city = br.readLine();

        System.out.print("Enter State : ");
        String state = br.readLine();

        System.out.print("Enter pincode : ");
        int pincode = Integer.valueOf(br.readLine());

        System.out.print("Enter PhoneNumber : ");
        String phoneNumber = br.readLine();

        Address address = new Address(doorNumber, streetName, location, city,
        state, pincode, phoneNumber);

        Cart cart = new Cart(name, address);
        List<Pizza> pizzalist = new ArrayList<Pizza>();
        pizzalist.add(new Pizza("PZ01", "Veggie Surprise", "Capsicum,
        onion,Sweet Corn, Paprika", "Medium", 399.0));
        pizzalist.add(new Pizza("PZ02", "Paneer Delight", " onion,Tomato,Sweet
        Corn,Jalapeno", "Medium", 349.0));
        pizzalist.add(new Pizza("PZ03", "chicken Hot n Spicy", "Red Paprika,
        onion,Jalapeno", "Medium", 499.0));
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        pizzalist.add(new Pizza("PZ04", "Tikka Treat", "Capsicum,
onion,Mushroom", "Medium", 599.0));

        while (true) {

            System.out.print("Enter choice : ");
            int choice = Integer.valueOf(br.readLine());
            if (choice == 1) {
                System.out.print("Enter pizza id : ");
                int selection = Integer.valueOf(br.readLine());
                cart.addPizza(pizzalist.get(selection - 1));
            } else if (choice == 2) {
                System.out.print("Enter pizza id : ");
                int selection = Integer.valueOf(br.readLine());
                cart.removePizza(pizzalist.get(selection - 1));
            }
            System.out.print("Enter choice of exiting");
            String next = br.readLine();
            if (next.equals("no")) {
                System.out.println("Name : " + name);
                System.out.println("Delivery Address :");
                System.out.println("-----");
                System.out.println(address.toString());
                System.out.println(
                    "-----");
                System.out.println("ID    NAME OF PIZZA    TOPPINGS
SIZE    PRICE");
                System.out.println(
                    "-----");
                System.out.println(cart.toString());
                System.out.println("\n");
                break;
            }
        }
    }
}

```

ADDRESS.JAVA

```

package com.account;

public class Address {
    private String doorNumber;
    private String streetName;
    private String location;
    private String city;
    private String state;
    private int pincode;
}

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    private String phoneNumber;

    public Address(String doorNumber, String streetName, String location, String
city, String state, int pincode,
        String phoneNumber) {
        super();
        this.doorNumber = doorNumber;
        this.streetName = streetName;
        this.location = location;
        this.city = city;
        this.state = state;
        this.pincode = pincode;
        this.phoneNumber = phoneNumber;
    }

    @Override
    public String toString() {
        return String.format(doorNumber + ", " + streetName + "\n" + location +
", " + "\n" + city + ", " + "\n" + state
        + "- " + pincode + "." + "\n" + "Phone No:" +
phoneNumber);
    }

    public String getDoorNumber() {
        return doorNumber;
    }

    public void setDoorNumber(String doorNumber) {
        this.doorNumber = doorNumber;
    }

    public String getStreetName() {
        return streetName;
    }

    public void setStreetName(String streetName) {
        this.streetName = streetName;
    }

    public String getLocation() {
        return location;
    }

    public void setLocation(String location) {
        this.location = location;
    }

    public String getCity() {
        return city;
    }

    public void setCity(String city) {
        this.city = city;
    }

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    public String getState() {
        return state;
    }

    public void setState(String state) {
        this.state = state;
    }

    public int getPincode() {
        return pincode;
    }

    public void setPincode(int pincode) {
        this.pincode = pincode;
    }

    public String getPhoneNumber() {
        return phoneNumber;
    }

    public void setPhoneNumber(String phoneNumber) {
        this.phoneNumber = phoneNumber;
    }
}

```

CART.JAVA

```

package com;

import java.util.ArrayList;
import java.util.List;

import com.account.Address;

public class Cart {
    private String name;
    private Address address;
    private double totalAmount = 0.0;
    List<Pizza> orders = new ArrayList<Pizza>();

    public Cart(String name, Address address) {
        super();
        this.name = name;
        this.address = address;
    }

    @Override
    public String toString() {
        return String.format("'" + orders + "\n" + totalAmount);
    }
}

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```

    public List<Pizza> getOrders() {
        return orders;
    }

    public void setOrders(List<Pizza> orders) {
        this.orders = orders;
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public Address getAddress() {
        return address;
    }

    public void setAddress(Address address) {
        this.address = address;
    }

    public double getTotalAmount() {
        return totalAmount;
    }

    public void setTotalAmount(double totalAmount) {
        this.totalAmount = totalAmount;
    }

    public void addPizza(Pizza pizza) {
        orders.add(pizza);
        totalAmount += pizza.getPrice();
    }

    public void removePizza(Pizza pizza) {
        orders.remove(pizza);
        totalAmount -= pizza.getPrice();
    }
}

```

PIZZA.JAVA

```

package com;
public class Pizza {
    private String identity;
    private String name;
    private String toppings;
    private String size;
    private double price;

    public Pizza(String identity, String name, String toppings, String size,
double price) {

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        super();
        this.identity = identity;
        this.name = name;
        this.toppings = toppings;
        this.size = size;
        this.price = price;
    }

    @Override
    public String toString() {
        return identity + " " + name + " " + toppings + " " + size + "Rs." +
price;
    }

    public String getIdentity() {
        return identity;
    }

    public void setIdentity(String identity) {
        this.identity = identity;
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public String getToppings() {
        return toppings;
    }

    public void setToppings(String toppings) {
        this.toppings = toppings;
    }

    public String getSize() {
        return size;
    }

    public void setSize(String size) {
        this.size = size;
    }

    public double getPrice() {
        return price;
    }

    public void setPrice(double price) {
        this.price = price;
    }
}

```