package dd;

import java.util.ArrayList;

import java.util.Scanner;

class Product {

private static int Number1 = 1;

private static int Number2 = 2;

private static int Number3 = 3;

private static String Product1 = "Shoes";

private static String Product2 = "Dress";

private static String Product3 = "Tshirt";

private static int Price1 = 500;

private static int Price2 = 100;

private static int Price3 = 50;

public int disNum1()

{

return Number1;

}

public int disNum2()

{

return Number2;

}

public int disNum3()

{

return Number3;

}

public String disProduct1()

{

return Product1;

}

public String disProduct2()

{

return Product2;

}

public String disProduct3()

{

return Product3;

}

public int disPrice1()

{

return Price1;

}

public int disPrice2()

{

return Price2;

}

public int disPrice3()

{

return Price3;

}

}

public class MAINNN {

public static void main(String[] args) {

ArrayList<Product> accounts = new ArrayList<>();

Scanner scanner = new Scanner(System.in);

int total1 = 0;

int total2 = 0;

int total3 = 0;

boolean shopping = true;

int cart = 0 ;

while (shopping) {

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("Option");

System.out.println("[1] Display Product");

System.out.println("[2] Cart");

System.out.println("[3] Payment");

System.out.println("[4] Exit");

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.print("Enter Option:");

int op = scanner.nextInt();

scanner.nextLine();

switch (op) {

case 1:

Product bank = new Product();

accounts.add(bank);

for (Product acc : accounts) {

System.out.println(acc.disNum1() + " " +

acc.disProduct1() + " "+"["+

acc.disPrice1()+ "$]");

System.out.println(acc.disNum2() + " " +

acc.disProduct2() + " "+ "["+

acc.disPrice2()+ "$]");

System.out.println(acc.disNum3() + " " +

acc.disProduct3() + " "+ "["+

acc.disPrice3()+ "$]");

System.out.println("Add to Cart: ");

cart = scanner.nextInt();

if (cart == 1) {

System.out.println(acc.disNum1() + " " +

acc.disProduct1() + " " + "[" +

acc.disPrice1() + "$]");

System.out.print("Quantity: ");

int quanty = scanner.nextInt();

total1 += quanty \* acc.disPrice1();

System.out.println("Total: " + total1);

scanner.nextLine();

}

if (cart == 2) {

System.out.println(acc.disNum2() + " " +

acc.disProduct2() + " " + "[" +

acc.disPrice2() + "$]");

System.out.print("Quantity: ");

int quanty = scanner.nextInt();

total2 += quanty \* acc.disPrice2();

System.out.println("Total: " + total2);

scanner.nextLine();

}

if (cart == 3) {

System.out.println(acc.disNum3() + " " +

acc.disProduct3() + " " + "[" +

acc.disPrice3() + "$]");

System.out.print("Quantity: ");

int quanty = scanner.nextInt();

total3 += quanty \* acc.disPrice3();

System.out.println("Total: " + total3);

scanner.nextLine();

}

break;

}

break;

case 2:

System.out.println("Buyers Cart");

for (Product acc : accounts) {

if (cart> 0 ) {

System.out.println(acc.disNum1() + " " +

acc.disProduct1() + " " + total1 + "$" );

}

if (cart> 0 ) {

System.out.println(acc.disNum2() + " " +

acc.disProduct2() + " " + total2 + "$");

}

if (cart> 0 ) {

System.out.println(acc.disNum3() + " " +

acc.disProduct3() + " " + total3 + "$" );

}

break;

}

break;

case 3:

System.out.println("Payment");

int supertotal= total1 + total2 + total3;

System.out.println("Total Amount: " + supertotal + "$");

System.out.print("Enter Amount: ");

int amount = scanner.nextInt();

int supersupertotal = amount- supertotal ;

System.out.println("Change: " + supersupertotal + "$");

System.out.println("Order Completed");

break;

case 4:

shopping = false;

break;

default:

System.out.println("Invalid option. Please try again.");

break;

}

}

}

}