**Grocery Store**

**Code**

import java.io.\*;

public class DisplayList

{ public static void main(String args[])

{

display();

}

public static void display()

{ int i;

ListOfItems l=null;

try

{

FileInputStream fin=new FileInputStream("List Of Items.txt");

ObjectInputStream in= new ObjectInputStream(fin);

l=(ListOfItems)in.readObject();

in.close();

fin.close();

} catch(IOException e)

{

System.out.println(e);

} catch(ClassNotFoundException a)

{

System.out.println(a);

return;

} //System.out.println("Welcome to Harshita's Grocery Store");

System.out.println("Here's the List of Items, plz go through the list to select items that

you want to shop for,Thank You");

for(i=0;i<20;i++)

{

System.out.println("Item: - "+l. item[i]+"\t\tID: "+l.ID[i]+"\tPrice: "+l. price[i]);

}

System.out.println("Enjoy Shopping :D");

}}

1. ***Class ListOfItems***

public class ListOfItems implements java.io.Serializable

{

public String[] item=new String[20];

public int[] ID= new int[20];

public int[] price=new int[20];

}

1. ***Class ShoppersStop***

import java.io. \*;

import java.util.\*;

public class ShoppersStop

{

public static void main(String args[])

{

String ch;

String address;

int itemid;

int bill=0;

int i;

int flag=1;

int quant;

String id;

Scanner sc=new Scanner(System.in);

ListOfItems l=null;

try

{

FileInputStream fin=new FileInputStream("List Of Items.txt");

ObjectInputStream in= new ObjectInputStream(fin);

l=(ListOfItems)in.readObject();

in.close();

fin.close();

} catch(IOException k)

{

System.out.println(k);

} catch(ClassNotFoundException a)

{

System.out.println(a);

return;

}

System.out.println("Welcome dear Customer to AKS Grocery Store");

System.out.println("Are you a first time user?? \n Kindly Press 'Y' for Yes and 'N' for

No");

ch=sc.next();

switch(ch)

{ case "

Y":

System.out.println("Enter your user id");

id=sc.next();

System.out.println("Thank You for registering with us");

break;

case "N":

System.out.println(" You are already a registered user.");

System.out.println("Plzz enter your id for log-in");

id=sc.next();

System.out.println("Log In successful");

break;

default:

System.out.println("plz run the program again...cuz the value you enterd is neither Y

nor N");

}

System.out.println("Prsenting to you the items we have for sale in our grocery store");

DisplayList ob2=new DisplayList();

ob2.display();

System.out.println("For selecting the items, plz enter their user id and quantity");

System.out.print("Shopping Cart items...");

bill=0;

while(flag!=0)

{

System.out.println("Enter id");

itemid=sc.nextInt();

System.out.println("Enter Quantity");

quant=sc.nextInt();

for(i=0;i<20;i++)

{

int m=l.ID[i];

if(itemid==m)

bill=bill+quant\*(l.price[i]);

}

System.out.println("Do you want to add more items?? Enter 1 for Yes and 0 for no");

flag=sc.nextInt();

if (flag==0)

break;

}

System.out.println();

System.out.println("Thank you for shopping with us");

System.out.println("Your total bill is="+bill);

System.out.println("The mode of payment is Cash on Delivery");

System.out.println("Plz enter shipping address=");

address=sc.next();

System.out.println("Thank you, your order will be shipped to you in 3-4 days, kindly

keep ready Rs"+bill+" for payment");

}}

***4. Class StoringList***

import java.util.Scanner;

import java.io.\*;

public class StoringList

{

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

ListOfItems l=new ListOfItems();

int i;

System.out.println("Enetr the list of items, their ID and price that you want to display

in your Grocery Store");

for(i=0;i<20;i++)

{

System.out.println("Item Name");

l.item[i]=sc.next();

System.out.println("ID");

l.ID[i]=sc.nextInt();

System.out.println("Price");

l.price[i]=sc.nextInt();

System.out.println();

} try

{

FileOutputStream fw=new FileOutputStream("List of Items.txt");

ObjectOutputStream out=new ObjectOutputStream(fw);

out.writeObject(l);

out.close();

fw.close();

} catch(IOException e)

{

System.out.println(e);

}}

}

**Output**



