Online Shopping

//Login class

**package** Project\_HCl;

**import** java.io.File;

**import** java.io.FileNotFoundException;

**import** java.util.Scanner;

**public** **class** Login {

**public** **void** Log() {

**do** {

**boolean** isLogin=*login*();

**if**(isLogin) {

System.***out***.println("Login successful");

**break**;

}**else**

{

System.***out***.println("Login failed");

}

}**while**(**true**);

}

**public** **static** **boolean** login() {

**boolean** isvalid=**false**;

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("Enter the username:");

String a=sc.nextLine();

System.***out***.println("Enter the password:");

String b=sc.nextLine();

String path="C:\\\\Users\\\\Admin\\\\eclipse-workspace\\\\login\\\\src\\\\Project\_HCl\\\\registerfile.txt";

File file=**new** File(path);

**try** {

Scanner inputBuffer =**new** Scanner(file);

**while**(inputBuffer.hasNext()) {

String line=inputBuffer.nextLine();

String[] values=line.split(" ");

**if**(values[0].equals(a)) {

**if**(values[1].equals(b)) {

isvalid=**true**;

}

}

}

}

**catch**(FileNotFoundException e){

e.printStackTrace();

}

**return** isvalid; }}

//Register class

**package** Project\_HCl;

**import** java.io.File;

**import** java.io.FileNotFoundException;

**import** java.io.FileWriter;

**import** java.io.IOException;

**import** java.util.Scanner;

**public** **class** Register {

**public** **void** Register() {

/\*try {

File f=new File("C:\\Users\\daphne.auxiliae\\eclipse-workspace\\hcl\\src\\Project\\file.txt");

if(f.createNewFile()) {

System.out.println("File created");

}\*/

//else {

//System.out.println("File exists");

Scanner sc=**new** Scanner(System.***in***);

String username,password;

System.***out***.println("Enter the username:");

username=sc.nextLine();

System.***out***.println("Enter the password:");

password=sc.nextLine();

**try** {

FileWriter output=**new** FileWriter("C:\\Users\\Admin\\eclipse-workspace\\login\\src\\Project\_HCl\\registerfile.txt",**true**);

output.append("\n");

output.write(username+" "+password);

System.***out***.println("Customer Details are added");

output.close();

**try**{

File input=**new** File("C:\\\\Users\\\\Admin\\\\eclipse-workspace\\\\login\\\\src\\\\Project\_HCl\\\\registerfile.txt");

Scanner b=**new** Scanner(input);

**while**(b.hasNextLine()) {

//System.out.println("data readed");

**break**;

}

b.close();}

**catch**(FileNotFoundException d) {

d.printStackTrace();

}

}

**catch**(IOException ae) {

System.***out***.println("Not wriiten");

}

//}

} }

//Customer class

**package** Project\_HCl;

**import** java.io.File;

**import** java.io.FileNotFoundException;

**import** java.io.FileWriter;

**import** java.io.IOException;

**import** java.util.Scanner;

**public** **class** Customer {

**int** id;

String name,address,phone\_no;

**static** **int** *a*;

**static** String *b*,*c*,*d*;

Customer(){

System.***out***.println("Customer Details");

}

Customer(**int** a,String b,String c,String d){

id=a;

name=b;

address=c;

phone\_no=d;

}

**public** **int** getId() {

**return** id;

}

**public** **void** setId(**int** id) {

**this**.id = id;

}

**public** String getPhone\_no() {

**return** phone\_no;

}

**public** **void** setPhone\_no(String phone\_no) {

**this**.phone\_no = phone\_no;

}

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** String getAddress() {

**return** address;

}

**public** **void** setAddress(String address) {

**this**.address = address;

}

**public** **void** addDetails() {

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("Id:");

*a*=sc.nextInt();

System.***out***.println("Name:");

*b*=sc.next();

System.***out***.println("Address:");

*c*=sc.next();

System.***out***.println("Phone number:");

*d*=sc.next();

Customer g=**new** Customer(*a*,*b*,*c*,*d*);

g.setId(*a*);

g.setName(*b*);

g.setAddress(*c*);

g.setPhone\_no(*d*);

**try** {

FileWriter output=**new** FileWriter("C:\\Users\\Admin\\eclipse-workspace\\login\\src\\Project\_HCl\\custdet.txt",**true**);

output.append("\n");

output.write(*a*+" "+*b*+" "+*c*+" "+*d*);

//System.out.println("Customer details are added");

output.close();}

**catch**(IOException e){e.printStackTrace();}

}

**public** **void** display() {

**try**{

File input=**new** File("C:\\\\Users\\\\Admin\\\\eclipse-workspace\\\\login\\\\src\\\\Project\_HCl\\\\custdet.txt");

Scanner b1=**new** Scanner(input);

**while**(b1.hasNextLine()) {

//System.out.println("data readed");

**break**;

}

b1.close();}

**catch**(FileNotFoundException d) {

d.printStackTrace();

}

System.***out***.println("Customer id:"+*a*);;

System.***out***.println("Customer name:"+*b*);

System.***out***.println("Customer address:"+*c*);

System.***out***.println("Customer phone number:"+*d*);

}

**public** **void** info1() {

**try**{

File input=**new** File("C:\\\\Users\\\\Admin\\\\eclipse-workspace\\\\login\\\\src\\\\Project\_HCl\\\\custdet.txt");

Scanner b1=**new** Scanner(input);

**while**(b1.hasNextLine()) {

//System.out.println("data readed");

**break**;

}

b1.close();}

**catch**(FileNotFoundException d) {

d.printStackTrace();

}

System.***out***.println("Customer id:"+*a*);

System.***out***.println("Customer phone no:"+*d*);

}

**public** **void** info() {

// **TODO** Auto-generated method stub

**try**{

File input=**new** File("C:\\\\Users\\\\Admin\\\\eclipse-workspace\\\\login\\\\src\\\\Project\_HCl\\\\custdet.txt");

Scanner b1=**new** Scanner(input);

**while**(b1.hasNextLine()) {

//System.out.println("data readed");

**break**;

}

b1.close();}

**catch**(FileNotFoundException d) {

d.printStackTrace();

}

System.***out***.println("Customer id:"+*a*);;

}

}

//Clothes class

package Project\_HCl;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.Statement;

import java.util.Scanner;

public class Main {

Main(){}

public void display() {

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hcldatabase","root","Desd@30500");

//System.out.println("Connection gets started");

Statement stmt=con.createStatement();

ResultSet rs=stmt.executeQuery("select \* from product\_cloth");

while(rs.next())

System.out.println(rs.getString(1)+" "+rs.getString(2)+" "+rs.getInt(3)+" "+rs.getInt(4)+" "+rs.getInt(5)+" "+rs.getString(6)+" "+rs.getString(7));

con.close();

}catch(Exception e) {

System.out.println(e);

}

}

public void add() {

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hcldatabase","root","Desd@30500");

//System.out.println("Connection gets started");

Scanner sc=new Scanner(System.in);

System.out.println("Sub-category:");

String a=sc.next();

System.out.println("Product Name:");

String b=sc.next();

System.out.println("Price");

int c=sc.nextInt();

System.out.println("Discount");

int d=sc.nextInt();

System.out.println("Final price");

int e=sc.nextInt();

System.out.println("Type");

String f=sc.next();

System.out.println("Size");

String g=sc.next();

String irs="insert into product\_cloth(sub\_cat\_name,prod\_name,price,discount,f\_price,type,size)values (?,?,?,?,?,?,?)";

PreparedStatement stmt=con.prepareStatement(irs);

stmt.setString(1, a);

stmt.setString(2, b);

stmt.setInt(3, c);

stmt.setInt(4, d);

stmt.setInt(5, e);

stmt.setString(6, f);

stmt.setString(7, g);

int r=stmt.executeUpdate();

if(r>0) {

System.out.println("Data is inserted successfully");

}

con.close();

}catch(Exception e) {

System.out.println(e);

}

}

public void update(){

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hcldatabase","root","Desd@30500");

//System.out.println("Connection gets started");

Scanner sc=new Scanner(System.in);

System.out.println("size:");

String a=sc.next();

System.out.println("Product name:");

String b=sc.next();

String irs="update product\_cloth set size=? where prod\_name=?;";

PreparedStatement stmt=con.prepareStatement(irs);

stmt.setString(1, a);

stmt.setString(2, b);

int r=stmt.executeUpdate();

if(r>0) {

System.out.println("success");

}

con.close();

}catch(Exception e) {

System.out.println(e);

}

}

public void delete() {

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hcldatabase","root","Desd@30500");

//System.out.println("Connection gets started");

Scanner sc=new Scanner(System.in);

System.out.println("Product name:");

String a=sc.next();

String irs="delete from product\_cloth where prod\_name=?;";

PreparedStatement stmt=con.prepareStatement(irs);

stmt.setString(1, a);

int r=stmt.executeUpdate();

if(r>0) {

System.out.println("success");

}

con.close();

}catch(Exception e) {

System.out.println(e);

}

}

}

//Medicine class

package Project\_HCl;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.Statement;

import java.util.Scanner;

public class Main2 {

Main2(){}

public void display() {

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hcldatabase","root","Desd@30500");

//System.out.println("Connection gets started");

Statement stmt=con.createStatement();

ResultSet rs=stmt.executeQuery("select \* from prod\_medi");

while(rs.next())

System.out.println(rs.getString(1)+" "+rs.getString(2)+" "+rs.getInt(3)+" "+rs.getInt(4)+" "+rs.getInt(5)+" "+rs.getString(6));

con.close();

}catch(Exception e) {

System.out.println(e);

}

}

public void add() {

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hcldatabase","root","Desd@30500");

//System.out.println("Connection gets started");

Scanner sc=new Scanner(System.in);

System.out.println("Sub-category:");

String a=sc.next();

System.out.println("Product Name:");

String b=sc.next();

System.out.println("Price");

int c=sc.nextInt();

System.out.println("Discount");

int d=sc.nextInt();

System.out.println("Final price");

int e=sc.nextInt();

System.out.println("Dosage");

String f=sc.next();

//System.out.println("Size");

//String g=sc.next();

String irs="insert into prod\_medi(sub\_cat\_name,prod\_name,price,discount,f\_price,dosage)values (?,?,?,?,?,?)";

PreparedStatement stmt=con.prepareStatement(irs);

stmt.setString(1, a);

stmt.setString(2, b);

stmt.setInt(3, c);

stmt.setInt(4, d);

stmt.setInt(5, e);

stmt.setString(6, f);

int r=stmt.executeUpdate();

//ResultSet rs=stmt.executeQuery("select \* from prod\_medi");

//while(rs.next())

// System.out.println(rs.getString(1)+" "+rs.getString(2)+" "+rs.getInt(3)+" "+rs.getInt(4)+" "+rs.getInt(5)+" "+rs.getString(6));

if(r>0) {

System.out.println("Data is inserted successfully");

}

con.close();

}catch(Exception e) {

System.out.println(e);

}

}

public void update(){

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hcldatabase","root","Desd@30500");

//System.out.println("Connection gets started");

Scanner sc=new Scanner(System.in);

System.out.println("Dosage:");

String a=sc.next();

System.out.println("Product name:");

String b=sc.next();

String irs="update prod\_medi set dosage=? where prod\_name=?;";

PreparedStatement stmt=con.prepareStatement(irs);

stmt.setString(1, a);

stmt.setString(2, b);

int r=stmt.executeUpdate();

if(r>0) {

System.out.println("Data is Updated success");

}

con.close();

}catch(Exception e) {

System.out.println(e);

}

}

public void delete() {

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hcldatabase","root","Desd@30500");

//System.out.println("Connection gets started");

Scanner sc=new Scanner(System.in);

System.out.println("Product name:");

String a=sc.next();

String irs="delete from prod\_medi where prod\_name=?;";

PreparedStatement stmt=con.prepareStatement(irs);

stmt.setString(1, a);

int r=stmt.executeUpdate();

if(r>0) {

System.out.println("Data is Deleted success");

}

con.close();

}catch(Exception e) {

System.out.println(e);

}

}

}

//Payment class

**package** Project\_HCl;

**public** **interface** Payment {

**public** **void** pay();

}

//Credit class

**package** Project\_HCl;

**import** java.io.File;

**import** java.io.FileNotFoundException;

**import** java.util.Scanner;

**public** **class** credit {

Scanner sc=**new** Scanner(System.***in***);

Integer customer\_id;

String expiry\_date;

Integer card\_no;

Integer cvv;

credit(){}

credit(Integer card\_no,String expiry\_date,Integer cvv)

{

//this.customer\_id=customer\_id;

**this**.expiry\_date=expiry\_date;

**this**.card\_no=card\_no;

**this**.cvv=cvv;

}

/\*public Integer getCustomer\_id() {

return customer\_id;

}

public void setCustomer\_id(Integer customer\_id) {

this.customer\_id = customer\_id;

} \*/

**public** String getExpiry\_date() {

**return** expiry\_date;

}

**public** **void** setExpiry\_date(String expiry\_date) {

**this**.expiry\_date = expiry\_date;

}

**public** Integer getCard\_no() {

**return** card\_no;

}

**public** **void** setCard\_no(Integer card\_no) {

**this**.card\_no = card\_no;

}

**public** Integer getCvv() {

**return** cvv;

}

**public** **void** setCvv(Integer cvv) {

**this**.cvv = cvv;

}

**public** **void** pay() {

System.***out***.println("Credit/Debit Card Details");

Customer o=**new** Customer();

o.info();

System.***out***.println("Enter the Card Number");

**int** j=sc.nextInt();

System.***out***.println("Enter the Card Expiry Date");

String k=sc.next();

System.***out***.println("Enter the CVV");

**int** l=sc.nextInt();

credit cc =**new** credit(j,k,l );

//cc.display();

System.***out***.println("Your entries are added and payment is Successfull");

System.***out***.println("Your Product will be Reached soon ");

}

}

//Gpay class

**package** Project\_HCl;

**import** java.util.Scanner;

**public** **class** Gpay {

Scanner sc=**new** Scanner(System.***in***);

Integer customer\_id;

Integer phone\_no;

Gpay(){}

Gpay(Integer customer\_id,Integer phone\_no){

**this**.customer\_id=customer\_id;

**this**.phone\_no=phone\_no;

}

**public** **void** pay() {

System.***out***.println("Gpay/PhonePay");

Customer o=**new** Customer();

o.info1();

Gpay g=**new** Gpay();

//g.display();

System.***out***.println("Your entries are added and payment is Successfull");

System.***out***.println("Your Product will be Reached soon ");

}

}

//Cust class(Product selection class)

package Project\_HCl;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.Statement;

import java.util.Scanner;

public class Cust {

public void dis() {

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hcldatabase","root","Desd@30500");

Statement stmt=con.createStatement();

Scanner sc=new Scanner(System.in);

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

System.out.println("Product Name:");

String name=sc.next();

String irs="Select prod\_name,f\_price,size from product\_cloth WHERE prod\_name='" + name +"'";

ResultSet rs=stmt.executeQuery(irs);

while(rs.next()) {

System.out.println("\*\*\*\*\* Product selected is displayed below \*\*\*\*\*\*");

System.out.println("Product Name: "+rs.getString(1)+"\n"+"Final Price: "+rs.getInt(2)+"\n"+"Size: "+rs.getString(3));

}

con.close();

}catch(Exception e) {

System.out.println(e);

}

}

public void dis1() {

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hcldatabase","root","Desd@30500");

Statement stmt=con.createStatement();

Scanner sc=new Scanner(System.in);

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

System.out.println("Product Name:");

String name=sc.next();

String irs="Select prod\_name,f\_price,dosage from prod\_medi WHERE prod\_name='" + name +"'";

ResultSet rs=stmt.executeQuery(irs);

while(rs.next()) {

System.out.println("\*\*\*\*\* Product selected is displayed below \*\*\*\*\*\*");

System.out.println("Product Name: "+rs.getString(1)+"\n"+"Final Price: "+rs.getInt(2)+"\n"+"Dosage: "+rs.getString(3));

}

con.close();

}catch(Exception e) {

System.out.println(e);

}

}

}

//MAIN CLASS

**package** Project\_HCl;

**import** java.io.\*;

**import** java.util.Scanner;

**public** **class** ShopDB {

**public** **static** **void** main(String[] args) **throws** Exception {

Scanner sc=**new** Scanner(System.***in***);

//int a,d;

//String b,c;

**boolean** flag=**true**;

**while**(flag){

System.***out***.println("\n \*\*\*\*\*\*\*\*\*\* WELCOME TO ONLINE SHOPPING \*\*\*\*\*\*\*\*\*\* \n");

System.***out***.println("1)Registeration");

System.***out***.println("2)Login");

// System.out.println("3)Guest");

System.***out***.println("3)Admin");

System.***out***.println("4)View Profile");

System.***out***.println("5)Exit");

**int** no=sc.nextInt();

**switch**(no) {

**case** 1:

Customer f=**new** Customer();

//Customer g=new Customer();

f.addDetails();

Register reg=**new** Register();

reg.Register();

**break**;

**case** 2:

Login lo=**new** Login();

lo.Log();

Main v=**new** Main();

Main2 n=**new** Main2();

System.***out***.println("##### 1- Clothes Products #####");

v.display();

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

System.***out***.println("##### 2- Medicine Products #####");

n.display();

System.***out***.println("Enter the choice");

**int** number=sc.nextInt();

**if**(number==1) {

Cust b=**new** Cust();

b.dis();

}

**else** **if**(number==2) {

Cust b=**new** Cust();

b.dis1();

}

**else** {

System.***out***.println("Invalid chioice");

}

/\*System.out.println("If you want to continue type 1 or else type 2");

int num=sc.nextInt();

if(num==1) {

Cust b=new Cust();

b.dis();

}

else {

Cust b=new Cust();

b.dis1();

}\*/

Scanner br = **new** Scanner(System.***in***);

System.***out***.println("----------CHOOSE YOUR PAYMENT MODE----------");

System.***out***.println("1) Debit/Credit Card");

System.***out***.println("2) Gpay/PhonePay");

System.***out***.println("3) Cash on Delivery ");

**int** type = Integer.*parseInt*(br.nextLine());

**if**(type==1)

{

credit cc = **new** credit();

cc.pay();

//v.display();

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* THANK YOU FOR ORDERING \*\*\*\*\*\*\*\*\*\*\*\*\*\*");

}**else** **if**(type==2)

{

Gpay gp=**new** Gpay();

gp.pay();

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* THANK YOU FOR ORDERING \*\*\*\*\*\*\*\*\*\*\*\*\*\*");

}

**else** {

Customer m=**new** Customer();

System.***out***.println("Check whether your details are correct or not");

m.display();

String input=sc.next();

**if**(input=="yes") {

System.***out***.println("Your Products will be Reached soon........."); }

**else** {

System.***out***.println("Your shopping is not continuing......");

}

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\* THANK YOU FOR ORDERING \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

}

**break**;

**case** 3:

System.***out***.println("Enter the choice");

System.***out***.println("1.Clothes");

System.***out***.println("2.Medicines");

System.***out***.println("3.Exit");

**int** q=sc.nextInt();

**switch**(q) {

**case** 1:

System.***out***.println("1)Display");

System.***out***.println("2)Insert");

System.***out***.println("3)Delete");

System.***out***.println("4)Update");

**int** no1=sc.nextInt();

**switch**(no1) {

**case** 1:

Main v1=**new** Main();

v1.display();

**break**;

**case** 2:

Main p=**new** Main();

p.add();

**break**;

**case** 3:

Main b1=**new** Main();

b1.delete();

**break**;

**case** 4:

Main c=**new** Main();

c.update();

**break**;

**default**:

flag=**true**;

System.***out***.println("u r exited");

}

**break**;

**case** 2:

System.***out***.println("1)Display");

System.***out***.println("2)Insert");

System.***out***.println("3)Delete");

System.***out***.println("4)Update");

**int** n1=sc.nextInt();

**switch**(n1) {

**case** 1:

Main2 v3=**new** Main2();

v3.display();

**break**;

**case** 2:

Main2 p=**new** Main2();

p.add();

**break**;

**case** 3:

Main2 b3=**new** Main2();

b3.delete();

**break**;

**case** 4:

Main2 c=**new** Main2();

c.update();

**break**;

**default**:

flag=**true**;

System.***out***.println("u r exited");

}

**case** 3:

flag=**false**;

System.***out***.println("u r exited");

}

**break**;

**case** 4:

Customer g1=**new** Customer();

g1.display();

**break**;

**case** 5:

flag=**false**;

System.***out***.println("You are Exited");

**default**:

}}}}