import java.sql.\*;

import java.util.\*;

import java.util.logging.Level;

import java.util.logging.Logger;

class accounter

{

private int account\_number;

private int balance;

Scanner Ha = new Scanner(System.in);

void check\_balance()

{

try{

Class.forName("com.mysql.cj.jdbc.Driver");

Connection con=DriverManager.getConnection( "jdbc:mysql://localhost:3306/banking","root","hari268742/");

Statement stmt=con.createStatement();

System.out.println("enter account number");

int a=Ha.nextInt();

String sql= "select \*from accountants where account\_number= ?";

PreparedStatement stmt1=con.prepareStatement(sql);

stmt1.setInt(1,a);

ResultSet rs = stmt1.executeQuery();

while(rs.next()) {

System.out.println("customer account number is : "+rs.getString(1));

System.out.println("balance in account is: "+rs.getString(5));

}

con.close();

} catch(Exception e)

{

System.out.println(e);

}

}

void show\_transcations()

{

try{

Class.forName("com.mysql.cj.jdbc.Driver");

Connection con=DriverManager.getConnection( "jdbc:mysql://localhost:3306/banking","root","hari268742/");

Statement stmt=con.createStatement();

System.out.println("enter account number");

int a=Ha.nextInt();

String sql= "select \*from transcations where account\_number= ?";

PreparedStatement stmt1=con.prepareStatement(sql);

stmt1.setInt(1,a);

ResultSet rs = stmt1.executeQuery();

System.out.println("last five transcations are :");

for(int i=0;i<5&&rs.last();i++) {

int k=rs.getInt(1);

System.out.println(k);

}

con.close();

} catch(Exception e)

{

System.out.println(e);

}

}

void transfer()

{

try{

Class.forName("com.mysql.cj.jdbc.Driver");

Connection con= DriverManager.getConnection( "jdbc:mysql://localhost:3306/banking","root","hari268742/");

System.out.println("enter account number");

int a=Ha.nextInt();

String query = "select balance from accountants where account\_number= ?";

PreparedStatement stmt1=con.prepareStatement(query);

stmt1.setInt(1,a);

ResultSet rs1 = stmt1.executeQuery();

int l=0;

while(rs1.next()) {

l= rs1.getInt(1);

}

System.out.println("enter money ");

int m=Ha.nextInt();

if(l<m)

{

System.out.println("no money");

}

else

{

l=l-m;

String sql1 = "update accountants set balance=? where account\_number=?";

PreparedStatement stmt2=con.prepareStatement(sql1);

stmt2.setInt(1,l);

stmt2.setInt(2,a);

int rowAffected = stmt2.executeUpdate();

PreparedStatement stmt3=con.prepareStatement("insert into transcations values(?,?)");

stmt3.setInt(1,m);

stmt3.setInt(2,a);

int i=stmt3.executeUpdate();

System.out.println(String.format("money transfered ", rowAffected));

}

con.close();

} catch(Exception e)

{

System.out.println(e);

}

}

}

public class newy

{

public static void main(String[] args)

{

Scanner Ha=new Scanner(System.in);

accounter h=new accounter();

System.out.print("\*\*\*\*\*\*\*Welcome To INDIAN Bank\*\*\*\*\*\*\*\*\*\* ");

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

int ch;

do{

System.out.println("\*\*\*\*\*\*\*\*Main Menu is\*\*\*\*\*\*\*\*\*");

System.out.println("1.check balance ");

System.out.println("2.transfer");

System.out.println("3.transcations");

System.out.println(" Ur Choice :");

ch=Ha.nextInt();

switch(ch)

{

case 1:

h.check\_balance();

break;

case 2:

h.transfer();

break;

case 3:

h.show\_transcations();

break;

}

}while(ch!=4);

}

}