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| |  |  | | --- | --- | | |  | | --- | | to me  https://mail.google.com/mail/u/1/images/cleardot.gif | |   import java.awt.Container;  import java.awt.FlowLayout;  import java.awt.GridLayout;  import java.awt.event.ActionEvent;  import java.awt.event.ActionListener;  import java.awt.event.WindowEvent;  import java.awt.event.WindowAdapter;  import java.io.IOException;  import javax.swing.JButton;  import javax.swing.JFrame;  import javax.swing.JOptionPane;  import javax.swing.JPanel;  import javax.swing.JTextArea;  import java.util.ArrayList;  import java.util.Scanner;  /\*\*  A simulation of an automatic teller machine  \*/  public class ATM {  static Scanner keyboard = new Scanner(System.in);  static String acctNum, pwd, result;  static double oldBalance, newBalance, deposit, withdraw,currentBalance;  static int choose;  public static void main(String[] args) {  for (int run = 0; run < 3; run++) {  System.out.println("Enter your account number");  acctNum = keyboard.nextLine();  System.out.println("Enter your account password");  pwd = keyboard.nextLine();  result = checkID(acctNum, pwd);  if (!result.equals("ERROR")) {  break;  } else if (run == 2) {// you cannot try to log in anymore than 3  // times  System.out.println("MAXIMUM TRIES EXCEEDED");  return;  }  }  menu();  }  public static String checkID(String acctNum, Object pwd) {  String result = "ERROR";  String a = "44567-5 mypassword 520.36";  String b = "1234567-6 anotherpassword 48.20";  String c = "4321-0 betterpassword 96.74";  if (acctNum.equals("2345") && pwd.equals("2345")) {  result = "520.36";  } else if (acctNum.equals(  ...  [Message clipped]  [View entire mes](https://mail.google.com/mail/u/1?ui=2&ik=de69e328f1&view=lg&permmsgid=msg-f%3A1627889076067806355&ser=1) |

public class test {

private static Account[] accounts = new Account[10];

public static void main(String[] args) {

accounts();

mainMenuOptions();

}

//main menu option method

public static void mainMenuOptions() {

Scanner input = new Scanner(System.in);

int enterchoice = -1;

int id=-1;

while (enterchoice != 4) {

mainMenu();

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

id = input.nextInt();

//enter id

System.out.println("Enter choice: ");

enterchoice = input.nextInt();

int index = -1;

for (int i = 0; i < accounts.length; i++) {

if (accounts[i].getid() == id) {

index = i;

break;

}

}

if (enterchoice == 1) {

System.out.println("The balance is " + accounts[index].getbalance());

} else if (enterchoice == 2) {

System.out.println("Enter an amount to withdraw ");

double amount = input.nextDouble();

//withdraw method

accounts[index].withdraw(amount);

} else if (enterchoice == 3) {

System.out.println("Enter an amount to deposit ");

double amount = input.nextDouble();

//deposit method

accounts[index].deposit(amount);

}

}

}

public static void accounts() {

//create accounts

//initialize 100 dollars

for (int i = 0; i < accounts.length; i++) {

accounts[i] = new Account(i, 100);

}

}

//main menu method

public static void mainMenu(){

System.out.println("Main menu"+"\n1:check balance"+"\n2:withdraw"

+"\n3:deposit"+"\n4:exit");

}

}

class Account{

private int id = 0;

private double balance = 0;

private double withdraw = 0;

private double deposit = 0;

private double amount = 0;

Account(){

}

Account(int id, double balance){

this.id = id;

this.balance = balance;

}

public int getid(){

return this.id;

}

public void setid(int newid){

id = newid;

}

public double getbalance(){

return this.balance;

}

public void withdraw(double amount){

balance = balance - amount;

}

public void deposit(double amount){

balance = balance + amount;

}

}