学习情况表

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（请在下面表格本周学习情况）

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| 学习情况简述 |
| 复习了栈和队列  并学习了Java的static和继承  练习了相应代码 |
| 本周练习过的代码 |
| 代码一：数组  package ATM;  import java.util.Random;  public class Account {  public Account() {  }   public void Account(){  }  private String name;  private int code;  private String num = "";  private double money;  private double quota;   public double getQuota() {  return quota;  }   public void setQuota(double quota) {  this.quota = quota;  }   public double getMoney() {  return money;  }   public void setMoney(double money) {  this.money = money;  }   public String getName() {  return name;  }   public void setName(String name) {  this.name = name;  }   public int getCode() {  return code;  }   public void setCode(int code) {  this.code = code;  }    public void setNum() {  Random r = new Random();  for (int i = 0; i < 8; i++) {  num += r.nextInt(10);  }   }  public String getNum(){  return num;  } }  package ATM;  import java.util.ArrayList; import java.util.Scanner; import java.util.spi.AbstractResourceBundleProvider;  public class ATMSystem {  public static void main(String[] args) {  boolean flag = true;  System.*out*.println("========欢迎进入ATM系统========");  ArrayList<Account> accounts = new ArrayList();  Scanner sc = new Scanner(System.*in*);  while (true) {  System.*out*.println("1.登陆账户");  System.*out*.println("2.注册账户");  System.*out*.println("请您选择操作");  int A1 = 0;  while (A1 == 0) {  A1 = 1;  int in = sc.nextInt();  switch(in){  case 1:  *login*(accounts,sc);  break;  case 2:  *account*( accounts , sc);  break;  default:  System.*out*.println("请重新输入");  A1 = 0;  break;  }  }    }  }      private static void login(ArrayList<Account> accounts,Scanner sc) {  if( accounts.size() == 0){  System.*out*.println("当前系统无任何账户，请先注册再登陆");  }else {  int f = 0;  int mark = -1;  while (f == 0) {  System.*out*.println("请输入登陆的卡号");  String str = sc.next();  for (int i = 0; i < accounts.size(); i++) {  if ( accounts.get(i).getNum().equals(str) ){  f++;  mark = i;  break;  }  if ( i == accounts.size()-1){  System.*out*.println("卡号不存在，请确认！");  }  }   }  f = 0;  while ( f == 0) {  System.*out*.println("请您输入密码");  int s = sc.nextInt();  if (s == accounts.get(mark).getCode()){  break;  }else {  System.*out*.println("您输入的密码不正确");  }  }  *print*(accounts.get(mark));  int F = 0;  while (F == 0) {  System.*out*.println("欢迎你：" + accounts.get(mark).getName() + "先生/女士进入系统，您可以开始办理你的业务了！");  System.*out*.println("========欢迎您进入操作界面========");  System.*out*.println("1.查询");  System.*out*.println("2.存款");  System.*out*.println("3.取款");  System.*out*.println("4.转账");  System.*out*.println("5.修改密码");  System.*out*.println("6.退出");  System.*out*.println("7.注销账户");  System.*out*.println("请您输入操作指令");  int next = sc.nextInt();  switch (next){  case 1 :  *print*(accounts.get(mark));  break;  case 2 :  *deposit*(accounts.get(mark),sc);  break;  case 3 :  *withdraw*(accounts.get(mark),sc);  break;  case 4 :  *transfer*(accounts,mark,sc);  break;  case 5 :  *changecode*(accounts.get(mark),sc);  F++;  break;  case 6 :  System.*out*.println("欢迎下次光临");  F ++;  break;  case 7 :  *de*(accounts,mark);  F++;  break;   }  }    }   }   private static void de(ArrayList<Account> accounts,int mark) {  accounts.remove(mark);  System.*out*.println("您的帐户已注销");  }    private static void changecode(Account accounts,Scanner sc) {  while (true) {  System.*out*.println("请输入当前密码认证");  int s = sc.nextInt();  if(s == accounts.getCode()){  break;  }else {  System.*out*.println("密码输入错误");  }  }  while (true) {  System.*out*.println("请您输入新密码");  accounts.setCode(sc.nextInt());  System.*out*.println("请您确认新密码");  int p = sc.nextInt();  if (accounts.getCode() == p){  System.*out*.println("密码修改成功，请重新登录");  break;  }else {  System.*out*.println("两次密码不一致");  }  }  }   private static void transfer(ArrayList<Account> accounts,int mark,Scanner sc) {  Account ac = accounts.get(mark);  if( ac.getMoney() == 0){  System.*out*.println("您自己都没钱，就别转了吧");  }else if (accounts.size() == 1){  System.*out*.println("当前系统中没有其他账户可以转账，去注册一个账户吧！");  } else {  int M = -1 ;  int f = 0;  while (f == 0) {  System.*out*.println("请输入要转账的帐号");  String str = sc.next();  for (int i = 0; i < accounts.size(); i++) {  if (accounts.get(i).getNum().equals(str)){  M = i;  f++;  break;  }  if (i == accounts.size()-1){  System.*out*.println("系统中无此账号");  }  }  }  String str = accounts.get(M).getName();  str = str.replace(str.charAt(0),'\*');  while (true) {  System.*out*.println("请您确认[" + str + "]的首位字符来确认");  System.*out*.println("请输入");  String s = sc.next();  if (s.equals(String.*valueOf*(accounts.get(M).getName().charAt(0)))){  break;  }else {  System.*out*.println("您输入对方的首字符有误");  }  }  while (true) {  System.*out*.println("请输入要转账金额（您最多可以转账："+ac.getMoney()+"元）");  double m = sc.nextDouble();  if ( m >= ac.getMoney()){  System.*out*.println("您的余额不足");  }else {  ac.setMoney(ac.getMoney()-m);  break;  }  }  System.*out*.println("您已转账完成！您当前还剩余：" + ac.getMoney());   }  }   private static void withdraw(Account accounts,Scanner sc) {  while (true) {  System.*out*.println("请您输入取钱的金额");  double w = sc.nextDouble();  if ( w >= accounts.getQuota()){  System.*out*.println("您当前取款金额超过了每次限额");  }else if ( accounts.getMoney() <= w ){  System.*out*.println("余额不足。当前余额为："+accounts.getMoney());  }else{  accounts.setMoney(accounts.getMoney()-w);  System.*out*.println("您当前取钱完成，请拿走你的钱，当前余额是" + accounts.getMoney());  break;  }  }  *print*(accounts);   }   private static void deposit(Account accounts,Scanner sc) {  System.*out*.println("请输入存款金额");  double w = sc.nextDouble();  accounts.setMoney(accounts.getMoney() + w);  *print*(accounts);   }    private static void print(Account ac) {  System.*out*.println("========您当前账户详细信息如下========");  System.*out*.println("卡号；" + ac.getNum());  System.*out*.println("户主:" + ac.getName());  System.*out*.println("余额:" + ac.getMoney());  System.*out*.println("当次取现余额：" + ac.getQuota());  }   private static void account(ArrayList<Account> accounts,Scanner sc) {  System.*out*.println("========欢迎您进入到开户操作========");  System.*out*.println("欢迎您进入到开户操作");  System.*out*.println("请输入账户名称");  Account a = new Account();  a.setName(sc.next());  while (true) {  System.*out*.println("请输入账户密码");  a.setCode(sc.nextInt());  System.*out*.println("请输入确认密码");  int a1 = sc.nextInt();  if (a1 != a.getCode()){  System.*out*.println("两次密码不一致");  }else break;  }  System.*out*.println("请您设置当次现取额度");  a.setQuota(sc.nextInt());  int o = 0;  while (o == 0) {  o = 1;  a.setNum();  String str = a.getNum();  for (int i = 0; i < accounts.size(); i++) {  Account m = accounts.get(i);  if(m.getNum().equals(str)){  o = 0;  }  }  }  System.*out*.println("恭喜你，" + a.getName()+"先生/女士，您开户完成，您的卡号是"+ a.getNum());  accounts.add(a);  } } |