import java.util.\*;

class transaction

{

int accno\_u1,accno\_u2,amount;

int i,u,j,k,p,n,a;

Scanner sc=new Scanner(System.in);

void get()

{

System.out.println("Enter the Account no.1 and Account no.2:");

accno\_u1=sc.nextInt();

accno\_u2=sc.nextInt();

amount=sc.nextInt();

}

public static void main(String args[])

{

transaction t=new transaction();

t.get();

Scanner sc=new Scanner(System.in);

int c1,c;

do{

System.out.println("Enter your transaction method:");

System.out.println("1.Credit card \t 2.Debit card \t 3.Netbanking");

c=sc.nextInt();

switch(c)

{

case 1:

System.out.println("Enter the card no:");

long cn=sc.nextLong();

System.out.println("Enter the validity year:");

int vy=sc.nextInt();

System.out.println("Enter the pin no.:");

int pin=sc.nextInt();

t.fund(cn,vy,pin);

break;

case 2:

System.out.println("Enter the card no:");

long dn=sc.nextLong();

System.out.println("Enter the card holder name:");

String name=sc.next();

t.fund(dn,name);

break;

case 3:

Scanner f=new Scanner(System.in);

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

String uname=f.next();

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

int pass=f.nextInt();

t.fund(uname,pass);

break;

default:

System.out.println("enter the method to transfer");

break;

}

System.out.println("Press 0 to continue");

c1=sc.nextInt();

}while(c1==0);

}

void fund(long c,int v,int p)

{

String s1=""+c;

int a=s1.length();

String s3=""+p;

int u=s3.length();

if((a==16)&&(v>2019)&&(u==4))

{

System.out.println("Transaction is done");

}

else

{

System.out.println("Error is occured");

}

}

void fund(long d,String n)

{

String s1=""+d;

int a=s1.length();

if(a==16)

{

if((n!="\0") && (n.length()>3))

{

System.out.println("Enter the pin number:");

int pi=sc.nextInt();

System.out.println("your transactionis done");

}

else

{

System.out.println("Error in your transaction");

}

}

else

{

System.out.println("Error in your transaction");

}

}

void fund(String n1,int pa)

{

n1="gayathri";

pa=123456;

if((n1=="gayathri") && (pa==123456))

{

System.out.println("Enter pin no.:");

int i=sc.nextInt();

String s4=""+i;

int j=s4.length();

if(j==4)

{

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

int otp=sc.nextInt();

String s5=""+otp;

int k=s5.length();

if(k==4)

{

System.out.println("Transaction is done");

}

else

{

System.out.println("Error");

}

}

else

{

System.out.println("Error");

}

}

else

{

System.out.println("Error");

}

}

}

Output:

