1. BANK SHOW DEPOSIT,WITHDRAWAL AND SHOW BALANCE

import java.util.Scanner;

class Bank {

int tot=10000;

int wh=0,dep=0;

String ch;

public void input() {

System.out.println("INITIAL BALANCE : "+tot);

Scanner sc=new Scanner(System.in);

System.out.print("Enter your choice(dep/wh/ex) : ");

ch=sc.nextLine();

if(ch.equals("wh")) {

System.out.print("Enter the withdrawal amount : ");

wh=sc.nextInt();

if (wh>tot) {

System.out.println("INSUFFICIENT BALANCE !!");

wh=0;

}

}

else if(ch.equals("dep")) {

System.out.print("Enter the deposit amount : ");

dep=sc.nextInt();

}

else {

System.out.println("please enter 'dep' or 'wh'.");

}

}

}

class Transaction extends Bank {

public void process() {

if (ch.equals("wh")) {

if (wh>0) {

tot =tot-wh;

System.out.println("WITHDRAWAL SUCCESS!!");

System.out.println("BALANCE AFTER WITHDRAWAL : " + tot);

}

}

else if (ch.equals("dep")) {

tot=tot+dep;

System.out.println("DEPOSIT SUCCESS!!");

System.out.println("BALANCE AFTER DEPOSIT : " + tot);

}

}

}

public class Main {

public static void main(String[] args) {

Transaction t = new Transaction();

while (true) {

t.input();

if (t.ch.equals("ex")) {

System.out.println("Exiting...");

break;

}

t.process();

}

}

}

