**import** java.util.Scanner;

**class** Bank {

**private** **String** accno;

**private** **String** name;

**private** long balance;

**Scanner** KB = **new** **Scanner**(**System**.in);

//method to open an account

void openAccount() {

**System**.out.print("Enter Account No: ");

accno = KB.next();

**System**.out.print("Enter Name: ");

name = KB.next();

**System**.out.print("Enter Balance: ");

balance = KB.nextLong();

}

//method to display account details

void showAccount() {

**System**.out.println(accno + "," + name + "," + balance);

}

//method to deposit money

void deposit() {

long amt;

**System**.out.println("Enter Amount U Want to Deposit : ");

amt = KB.nextLong();

balance = balance + amt;

}

//method to withdraw money

void withdrawal() {

long amt;

**System**.out.println("Enter Amount U Want to withdraw : ");

amt = KB.nextLong();

**if** (balance >= amt) {

balance = balance - amt;

} **else** {

**System**.out.println("Less Balance..Transaction Failed..");

}

}

//method to search an account number

boolean search(**String** acn) {

**if** (accno.equals(acn)) {

showAccount();

**return** (**true**);

}

**return** (**false**);

}

}

**public** **class** ExBank {

**public** **static** void main(**String** arg[]) {

**Scanner** KB = **new** **Scanner**(**System**.in);

//create initial accounts

**System**.out.print("How Many Customer U Want to Input : ");

int n = KB.nextInt();

Bank C[] = **new** Bank[n];

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

C[i] = **new** Bank();

C[i].openAccount();

}

//run loop until menu 5 is not pressed

int ch;

**do** {

**System**.out.println("Main Menu\n1. Display All\n 2. Search By Account\n 3. Deposit\n 4. Withdrawal\n 5.E xit ");

**System**.out.println("Ur Choice :"); ch = KB.nextInt();

**switch** (ch) {

**case** 1:

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

C[i].showAccount();

}

**break**;

**case** 2:

**System**.out.print("Enter Account No U Want to Search...: ");

**String** acn = KB.next();

boolean found = **false**;

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

found = C[i].search(acn);

**if** (found) {

**break**;

}

}

**if** (!found) {

**System**.out.println("Search Failed..Account Not Exist..");

}

**break**;

**case** 3:

**System**.out.print("Enter Account No : ");

acn = KB.next();

found = **false**;

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

found = C[i].search(acn);

**if** (found) {

C[i].deposit();

**break**;

}

}

**if** (!found) {

**System**.out.println("Search Failed..Account Not Exist..");

}

**break**;

**case** 4:

**System**.out.print("Enter Account No : ");

acn = KB.next();

found = **false**;

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

found = C[i].search(acn);

**if** (found) {

C[i].withdrawal();

**break**;

}

}

**if** (!found) {

**System**.out.println("Search Failed..Account Not Exist..");

}

**break**;

**case** 5:

**System**.out.println("Good Bye..");

**break**;

}

}

**while** (ch != 5);

}

}