**import** java.util.Scanner;

**public** **class** Simplebankingapplication{

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

// **TODO** Auto-generated method stud

BankAccount obj1=**new** BankAccount("Indian Bank","IDIB000N034");

obj1.showMenu();

}

}

**class** BankAccount

{

**long** balance;

**long** previousTransaction;

String customerName;

String customerId;

BankAccount(String cname, String cid)

{

customerName= cname;

customerId= cid;

}

**void** deposit (**int** amount)

{

**if** (amount!= 0)

{

balance= balance+amount;

previousTransaction= amount;

}

}

**void** withdrawl()

{

**long** amount;

System.***out***.println("enter the amount you want to withdraw:");

Scanner sc = **null**;

amount=sc.nextLong();

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

balance=balance-amount;

System.***out***.println(" balance after withdrawl:"+balance);

}

**else**

{

System.***out***.println("your balance is less than"+ amount +"\n transaction is failed");

}

}

**void** getpreviousTransaction()

{

**if**(previousTransaction > 0)

{

System.***out***.println("Deposited: "+previousTransaction);

}

**else** **if**(previousTransaction < 0)

{

System.***out***.println("withdrawn: "+Math.*abs*(previousTransaction));

}

**else**

{

System.***out***.println("No transaction occured");

}

}

**void** showMenu()

{

**int** option;

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

System.***out***.println("Welcome "+customerName);

System.***out***.println("Your Id is "+customerId);

System.***out***.println("\n");

System.***out***.println("1. Check Balance");

System.***out***.println("2. Deposit");

System.***out***.println("3. Withdraw");

System.***out***.println("4. Previous transaction");

System.***out***.println("5. Exit");

**do**

{

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.***out***.println("Enter an option");

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

option=scanner.nextInt();

System.***out***.println("\n");

**switch**(option)

{

**case** 1:

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.***out***.println("Balance="+balance);

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.***out***.println("\n");

**break**;

**case** 2:

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

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

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

**int** amount = scanner.nextInt();

deposit(amount);

System.***out***.println("\n");

**break**;

**case** 3:

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

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

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

**int** amount2 = scanner.nextInt();

withdraw1(amount2);

System.***out***.println("\n");

**break**;

**case** 4:

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

getpreviousTransaction();

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.***out***.println("\n");

**break**;

**case** 5:

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

**break**;

**default**:

System.***out***.println("Invalid Option!!.please enter again");

**break**;

}

} **while**(option != 'E');

System.***out***.println("Thank for using our services");

}

**private** **void** withdraw1(**int** amount2) {

// **TODO** Auto-generated method stub

}

}