**package** project;

**import** java.util.Scanner;

**public** **class** Bankaccount {

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

Bankapplication obj1=**new** Bankapplication("xyz","0A111");

obj1.showmenu();

}

}

**class** Bankapplication

{

**int** balance;

**int** previousTransaction;

String customerName;

String customerId;

Bankapplication(String cname,String cid)

{

customerName = cname;

customerId = cid;

}

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

{

**if**(amount !=0)

{

balance=balance + amount;

previousTransaction = amount;

}

}

**void** withdraw(**int** amount)

{

**if**(amount !=0)

{

balance = balance - amount;

previousTransaction = -amount;

}

}

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System.***out***.println("Withdrawn : "+Math.*abs*(previousTransaction));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

{

**char** option='\0';

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("A\_ Check Balance");

System.***out***.println("B\_ Deposit");

System.***out***.println("C\_ Withdrawn");

System.***out***.println("D\_ Previous transaction");

System.***out***.println("E\_ Exit");

**do**

{

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

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

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

option = scanner.next().charAt(0);

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

**switch**(option)

{

**case** 'A':

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

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

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

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

**break**;

**case** 'B':

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** 'C':

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

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

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

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

withdraw(amount2);

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

**break**;

**case** 'D':

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

getpreviousTransaction();

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

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

**break**;

**case** 'E':

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

**break**;

**default**:

System.***out***.println("Invalid Option||,Please enter again");

**break**;

}

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

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

}

}