Project java:

1)Banking Application:

Code:

**package** bankapplication;

**import** java.util.Scanner;

**public** **class** bankingapplication {

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

bankAccount obj=**new** bankAccount("SL DecCode","SL00001");

obj.showmenu();

}

}

**class** bankAccount{

**int** balance;

**int** privioustracsaction;

String custername;

String customerId;

bankAccount(String cname,String cid){

custername=cname;

customerId=cid;

}

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

**if**(amount!=0) {

balance=balance+amount;

privioustracsaction=amount;

}

}

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

**if**(amount!=0) {

balance=balance-amount;

privioustracsaction=-amount;

}

}

**void** privioustracsaction() {

**if**(privioustracsaction>0) {

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

}**else** **if**(privioustracsaction<0) {

System.***out***.println("withdraw:"+Math.*abs*(privioustracsaction));

}**else** {

System.***out***.println("no trasaction occured");

}

}

**void** showmenu() {

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

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

System.***out***.println("welcome"+custername);

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

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

System.***out***.println("A:check your balance");

System.***out***.println("B:Deposit");

System.***out***.println("C:withdraw");

System.***out***.println("D:Privious tracsaction");

System.***out***.println("E:Exist the system");

**do** {

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

System.***out***.println("Enetr your 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("Enetr 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("Enetr amount to withdraw");

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

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

withdraw(amount2);

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

**break**;

**case** 'D':

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

privioustracsaction();

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

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

**break**;

**case** 'E':

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

**break**;

**default**:

System.***out***.println("Invalid option !! plz enter correct option...");

**break**;

}

}

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

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

}

}

Output:

welcomeSL DecCode

Your IdSL00001

A:check your balance

B:Deposit

C:withdraw

D:Privious tracsaction

E:Exist the system

=======================================================================

Enetr your option

=======================================================================

A

.....................................

Balance=0

.....................................

=======================================================================

Enetr your option

=======================================================================

B

.....................................

Enetr amount to deposit

.....................................

1000

=======================================================================

Enetr your option

=======================================================================

c

Invalid option !! plz enter correct option...

=======================================================================

Enetr your option

=======================================================================

C

.....................................

Enetr amount to withdraw

.....................................

500

=======================================================================

Enetr your option

=======================================================================

A

.....................................

Balance=500

.....................................

=======================================================================

Enetr your option

=======================================================================

D

.....................................

withdraw:500

.....................................

=======================================================================

Enetr your option

=======================================================================

E

===============================================================

Thank you for using our services....!!