Banking Application Source Code in Java:

import java.util.Scanner;

class BankingApplication {

public static void main(String[] args)

{

BankAccount obj1 = new BankAccount("Guys","C890HIO149");

obj1.showMenu();

}

}

class BankAccount

{

int balance;

int 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 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System.out.println("Withdrawn: " + Math.abs(previousTransaction));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 sc = 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. Withdraw");

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 = sc.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 be deposited: ");

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

int amount = sc.nextInt();

deposit(amount);

System.out.println('\n');

break;

case 'C':

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

System.out.println("Enter an amount to be withdrawn: ");

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

int amount2 = sc.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("Thanks for using our services");

}

}