PROJECT NAME: SIMPLE BANKING SYSTEM

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Abstract:This is project on Simple Banking System.In this include different applications like user checking bank balance,checking previous transactions and withdrawn amount and deposited amount.

CODE:

**package miniproject;**

**import java.util.Scanner;**

**public class BankAccount {**

**int balance;**

**int previousTransaction;**

**String customerName;**

**String customerId;**

**BankAccount(String cname,String cid)**

**{**

**customerName=cname;**

**customerId=cid;**

**}**

**public void deposit(int amount)**

**{**

**if(amount !=0)**

**{**

**balance=balance+amount;**

**previousTransaction=amount;**

**}**

**}**

**public void withdraw(int amount)**

**{**

**if(amount !=0)**

**{**

**balance=balance-amount;**

**previousTransaction=-amount;**

**}**

**}**

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**System.out.println("withdrawn:"+Math.abs(previousTransaction));**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

**}**

**}**

**public void showMenu()**

**{**

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

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

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

**System.out.println("your id"+customerId);**

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

**System.out.println("A.check Balance");**

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

**System.out.println("C.withdrawn");**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=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 deposit:");**

**int amount=sc.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 amount1=sc.nextInt();**

**withdraw(amount1);**

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

**break;**

**case 'D':**

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

**getPreviousTransaction();**

**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("Thank you for using our banking sevices");**

**}**

**}**

**public class Banking {**

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

**{**

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

**BankAccount obj=new BankAccount("swathi","NTY001");**

**obj.showMenu();**

**}**

**}**

**Output:**

**welcome swathi**

**your idNTY001**

**A.check Balance**

**B.Deposite**

**C.withdrawn**

**D.previous transaction**

**E.Exit**

**.................**

**enter an option**

**.................**

**A**

**.................**

**Balance=0**

**.................**

**.................**

**enter an option**

**.................**

**B**

**.................**

**Enter an amount to deposit:**

**1000**

**.................**

**enter an option**

**.................**

**C**

**......................................**

**Enter an amount to withdraw:**

**.................................**

**500**

**.................**

**enter an option**

**.................**

**D**

**................................**

**withdrawn:500**

**.................**

**enter an option**

**.................**

**E**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Thank you for using our banking sevices**

WORK FLOW:

Deposit

Balance

Withdrawal

PriviousTransaction

Details

welcome

customerName

customerId

User Option

BankAccount