LAB-5

```java
import java.util.Scanner;

class Bank
{
int deposit_balance;
String customername;
String Account_Number;
String Account_Type;
int Balance = 27890;
void accept() {
Scanner s = new Scanner(System.in);
System.out.println("Enter the customer name\n");
customername = s.next();
System.out.println("Enter the Account Number\n");
Account_Number = s.next();
System.out.println("Enter the Account type\n");
Account_Type = s.next(); }
void display() {
System.out.println("CUSTOMER NAME:" + customername);
System.out.println("ACCOUNT NUMBER:" + Account_Number);
System.out.println("ACCOUNT TYPE:" + Account_Type);
}
}
class curr_acct extends Bank {
int updated_balance;
int After_withdrawn;
```

```java
int updated_lost_cbalance;
int cdepo_ba () {
updated_balance = Balance + deposit_balance;
return updated_balance; }
int ccoith_ba () {
After_ccwithdrawn = ((updated_balance)-(withdraw_balance));
return After_ccwithdrawn; }
int minimum () {
if ((After_ccwithdrawn) <= (2000)) {
updated_lost_cbalance = ((After_ccwithdrawn)-(200));
System.out.println ("you have minimum balance below 2000
so u have lost 200 rs");

return updated_lost_cbalance; }

else
return After_ccwithdrawn; } }

class sav_acct extends Bank {
int supdated_balance;
int After_scwithdrawn;
int updated_lost_sbalance;
int compound_interest;
int sdepo_ba () {

supdated_balance = Balance + deposit_balance;
return supdated_balance; }
int interest () {
```

```java
double r = 0.08;
int n = 12;
int t = 5;
compound _ interest = (int)
(( supdated _ balance)* (Math. pow ((1 + (r/n)), (n*t))));
return compound _ interest; }


int minimum () {
if (( After _ swithdrawn ) <= (1000)) {
updated _ lost _ sbalance = (( After _ swithdrawn )-(100));
return updated _ lost _ sbalance; }


else
return After _ swithdrawn; } }


class Transactions {
public static void main (String args[]) {
Scanner r = new Scanner (System .in);
Curr _ acct CA = new Curr _ acct ();

CA. accept ();
System .out. println ("Enter the money u want to deposit in current
account in rupees ");
CA. deposit _ balance = r. nextnt ();
CA. display ();
System . out . println ("After your deposition of "+ CA. deposit _
balance + "\nNow your total balance is Rs -" + CA. cdepo-ba ();
System. out. println (" Enter the money you want to withdraw
in rupees ");
```

```java
CA.withdraw_balance = r.nextInt ();
System.out.println ("After your withdrawal of
" + CA.withdraw_balance + "\nNow your total balance is
RS-" + CA.cwith_ba ());
System.out.println ("After checking
if you have minimum balance are not your updated total
balance is RS-" + CA.minimum ()};

Sav_acct SA = new sav_acct (); SA.accept ();
System.out.println ("Enter the money u want to deposit in
Saving account ");

SA.deposit_balance = r.nextInt ();

SA.display ();
System.out.println ("After your deposition of
" + SA.deposit_balance + "\n Now your total balance is
RS-" + SA.sdepo_ba ());
System.out.println ("Enter the money you want to withdraw
in Saving account ").
SA.withdraw_balance = r.nextInt ();
System.out.println ("After your withdrawal of
RS-" + SA.withdraw_balance + "\n Now your total balance is
RS-" + SA.Swith_ba ());
System.out.println ("After checking if u have minimum balance are
not your updated total balance is
RS-" + SA.minimum ();

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```

```
Enter the customer name
rituika
Enter the Account Number
3324
Enter the Account type
savings
Enter the money u want to deposit in current account in rupees
10000
CUSTOMER NAME : rituika
ACCOUNT NUMBER : 3324
ACCOUNT TYPE : savings
After your deposition of 10000
Now your total balance is RS-37890
Enter the money you want to withdraw in rupees
2000
After your withdrawal of 2000
Now your total balance is RS-35890
After checking if u have minimum balance are not your updated total balance is R
S-35890
Enter the customer name
```