LAB 5

```
package Java1;
import java.util.Scanner)

Class Bank
{
    int deposit_balance;
    int withdraw_balance;
    String Customername;
    String Account_Number;
    String Account_Type;
    int Balance = 27800;
    void Accept()
    {
      Scanner s = new Scanner(System.in);
      System.out.println("Enter the Customer name\n");
      Customer name = s.next();
      System.out.println("Enter the Account no\n");
      Account_Number = s.next();
      System.out.println("Enter the Account type\n");
      Account_Type = s.next();
    }
    void display()
    {
    System.out.println("Customer name : "+Customer name);
    System.out.println("Account number : "+Account_number);
    System.out.println("Account type : "+Account_type);
    }
}
class cur_acct extends Bank{

    int updated_balance;
    int after_withdrawn;
    int updated_last_balance;
```

```
int cdepo_ba(){

    updated_balance = Balance + deposit_balance;
    return updated_balance;
}
  int cwith_ba(){
    After_cwithdrawn = ((updated_balance) - (withdraw_
    return After_cwithdrawn;                balance));
}
int minimum()
{
    if ((After_cwithdrawn)<=(2000))
      {
        updated_lost_balance = ((After_cwithdrawn) - (200));
        System.out.println("you have minimum
                balance below 2000 so u have
                    lost 200 rs");
    return updated_lost_balance;
}
else
  return After_cwithdrawn;
}
}
Class sav_acct extends Bank{

  int Supdated_balance;
  int After_swithdrawn;
  int updated_lost_Sbalance;
  int Compound_interest;
  int Sdepo_ba(){

Supdated_balance = Balance + deposit_balance;
return Supdated_balance;
}
```

```
int interest()
{
    double r = 0.08;
    int n = 12;
    int t = 5;
    Compound_interest = (int)((Supdate_balance)*
        (Math.pow((1 + (r/n)), (n*t))));
    return Compound_interest;
}

int Swith_ba(){                                    balance
    After_swithdrawn = ((Compound_interest) - (withdraw
    return After_swithdrawn;
}
int minimum()
{
    if((After_Swithdrawn) <= (1000))
    {
        updated_lost_Sbalance = ((After_Swithdrawn) - (100)
        return updated_lost_Sbalance;
    }
else
return After_withdrawn;
}
}

class transactions{
public static void main (String args[]){
    Scanner r = new Scanner (System.in);
    Curr_acct CA = new Curr_acct();
    CA.accept();
```

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//LAB 5

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e
java1;
        import java.util.Scanner;

        class Bank
        {
        int deposit_balance;
        int wthdraw_balance;
        String customername;
        String Account_Number;
        String Account_Type;
        int Balance=27800;
        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_cwithdrawn;
        int   updated_lost_cbalance;


        int cdepo_ba(){

        updated_balance=Balance+deposit_balance;
        return updated_balance;
        }
        int cwith_ba(){
```

```
After_cwithdrawn=((updated_balance)-(wthdraw_balance));
return After_cwithdrawn;
}
int minimum()
{
if((After_cwithdrawn)<=(2000))
{
updated_lost_cbalance=((After_cwithdrawn)-(200));
System.out.println("you have minimum balance below 2000 so u have lost 200 rs");

return updated_lost_cbalance;

}

else
return After_cwithdrawn;



}

}
class sav_acct extends Bank{

int supdated_balance;
int  After_swithdrawn;
int updated_lost_sbalance;
int compound_interest;
int sdepo_ba(){

supdated_balance=Balance+deposit_balance;
return supdated_balance;
}
int interest()
{
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 Swith_ba(){
After_swithdrawn=((compound_interest)-(wthdraw_balance));
return After_swithdrawn;
}
```

```
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.nextInt();
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");
CA.wthdraw_balance=r.nextInt();
System.out.println("After your withdrawal of "+CA.wthdraw_balance+"\nNow your total balance is RS-
"+CA.cwith_ba());
System.out.println("After checking if u 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+"\nNow your total balance is RS-
"+SA.sdepo_ba());
System.out.println("After interest ur updated balance is RS-"+SA.interest());
System.out.println("Enter the money you want to withdraw in Saving account");
SA.wthdraw_balance=r.nextInt();
System.out.println("After your withdrawal of RS-"+SA.wthdraw_balance+"\nNow 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());
```

```
}
Enter the customer name

sammy
Enter the Account Number

11
Enter the Account type

current
Enter the money u want to deposit in current account in rupees
100
CUSTOMER  NAME : sammy
ACCOUNT NUMBER : 11
ACCOUNT TYPE : current
After your deposition of 100
Now your total balance is RS-27900
Enter the money you want to withdraw in rupees
900
After your withdrawal of 900
Now your total balance is RS-27000
After checking if u have minimum balance are not your updated total balance is RS-27000
Enter the customer name

sammy
Enter the Account Number

11
Enter the Account type

savings
Enter the money u want to deposit in Saving account
100
CUSTOMER  NAME : sammy
ACCOUNT NUMBER : 11
ACCOUNT TYPE : savings
After your deposition of 100
Now your total balance is RS-27900
After interest ur updated balance is RS-41566
}
```

```
Enter the money u want to deposit in Saving account
100
CUSTOMER  NAME : sammy
ACCOUNT NUMBER : 11
ACCOUNT TYPE : savings
After your deposition of 100
Now your total balance is RS-27900
After interest ur updated balance is RS-41566
Enter the money you want to withdraw in Saving account
41567
After your withdrawal of RS-41567
Now your total balance is RS--1
After checking if u have minimum balance are not your updated total balance is RS--101
```