

Q) Import java.util.Scanner;

class Bank

{

int deposit_balance;

int withdraw_bal;

String customername;

String Acc_num;

String Acc_type;

int balance = 20,000;

void accept()

{

Scanner s = new Scanner(System.in);

System.out.println("Enter customername");

customername = s.next();

System.out.println("Enter Acc_num");

Acc_num = s.next();

System.out.println("Enter Acc_type");

Acc_type = s.next();

}

void display()

{

System.out.println("Customername : " + customername);

System.out.println("Account number : " + Acc_num);

System.out.println("Account type : " + Acc_type);

}

class main_acc extends Bank {

int updated_balance;

int After_withdrawn;

int updated_Lost_balance;

```
int cdepo_bal()
```

```
{
    updated_balance = Balance + deposit_balance;
    return updated_balance;
}
```

```
int cwith_bal()
```

```
{
    After_cwithdrawn = (updated_balance) - withdraw_balance;
    return After_cwithdrawn;
}
```

```
int minimumc()
```

```
{
    if (After_cwithdrawn) <= (2000)
    {
```

```
        updated_lost_balance = (After_cwithdrawn) - (2000);
```

```
        System.out.println("you have minimum balance below  
2000 so u have lost 200-rupees");
```

```
        return updated_lost_balance;
```

```
    }
    else
```

```
        return After_cwithdrawn;
```

```
class sav_acc extends bank
```

```
{
```

```
    int updated_balance;
```

```
    int After_cwithdrawn;
```

```
    int updated_lost_balance;
```

```
    int compound_interest;
```

```

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

```

```

int interest()
{

```

```

    double r = 0.08;

```

```

    int n = 12;

```

```

    int t = 5;

```

```

    compound_interest = (int)(cupdated_balance) * (Math.pow(
        1 + (r/n), (n*t))) ;

```

```

    return compound_interest;
}

```

```

int with_bal()
{

```

```

    After_withdrawn = ((compound_interest) - withdraw_balance);
    return After_withdrawn;
}

```

```

int minimum()
{

```

```

    if (After_withdrawn <= (1000))
    {

```

```

        updated_lost_sbalance = (After_withdrawn - (100));
        return updated_lost_sbalance;
    }

```

```

}

```

```

else

```

```

    return After_withdrawn;
}

```



```
public class main {  
    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 to be deposited");
```

```
        ca.deposit_balance = r.nextInt();
```

```
        ca.display();
```

```
        System.out.println("After your deposition of " + ca.  
            deposit_balance + " now your total balance is  
            RS - " + ca.cdepo_bal());
```

```
        System.out.println("Enter money to be withdrawn");
```

```
        ca.withdrawn_balance = r.nextInt();
```

```
        System.out.println("After your withdrawal of " +  
            ca.withdrawn_balance + " now your total balance  
            is RS - " + ca.withdrawn_bal());
```

```
        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 money to be deposited");
```

```
        SA.deposit_balance = r.nextInt();
```

```
        SA.display();
```

```
        System.out.println("After your deposition of " + SA.  
            deposit_balance + " now your total balance is  
            RS - " + SA.sdepo_bal());
```

```
        System.out.println("After interest on updated balance  
            is RS - " + SA.interest());
```

```
System.out.println("enter money to be withdrawn  
from my saving account");
```

```
SA.withdrawal_balance = s.nextInt();
```

```
System.out.println("After your withdrawal of  
RS - " + SA.withdrawal_balance + " now your total  
balance is RS - " + SA.withdrawal_balance);
```

```
System.out.println("After checking if u have  
minimum balance are not your updated total  
balance is RS - " + SA.minimum());
```

```
{  
}
```

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Problems • Javadoc Declaration Console

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Enter the customer name

shivanshu

Enter the Account Number

911

Enter the Account type

current

Enter the money u want to deposit in current account in rupees

1000

CUSTOMER NAME : shivanshu

ACCOUNT NUMBER : 911

ACCOUNT TYPE : current

After your deposition of 1000

Now your total balance is RS-28800

Enter the money you want to withdraw in rupees

900

After your withdrawal of 900

Now your total balance is RS-28900

After checking if u have minimum balance are not your updated total balance is RS-28000

Enter the customer name

shivanshu

Enter the Account Number

911

Enter the Account type

savings

Enter the money u want to deposit in Saving account

10000

CUSTOMER NAME : shivanshu

ACCOUNT NUMBER : 911

ACCOUNT TYPE : savings

After your deposition of 10000

Now your total balance is RS-37800

After interest ur updated balance is RS-56316

Enter the money you want to withdraw in Saving account

316

After your withdrawal of RS-316

Now your total balance is RS-56000

After checking if u have minimum balance are not your updated total balance is RS-56000