```java
import at java.util.Scanna;

class account {
    String customer _name;
    int account_ number;
    string account-type;
}

class cur- acct extends account {
    Scanner x = new Scanner (system.in);

    double temp = 0.0;
    double amount = 0.0;
    double fix = 0.0;
    double min - amount = 1000;

    void getdetails () {

        customer -name = x.nextLine();
        account - number = x.nextInt();
    }

    void deposit () {

        sout ("Enter The deposit").
        temp = x.nextDouble()
        amount += temp;

    void showbalance () {
        if (amount >= min_amount) {
            System.out.println("Balance B: "+ amount);
        }
    }
}
```

```java
else {
    fine = (amount * (-0*10)/100;
    amount -= fine;
        sout ("The fine imposed: " +fine);
        sout ("Balance is: " +amount);
    }
}

void withdrawl() {
    sout ("Enter the widrawl amount: ");
    temp = x.nextDouble();
    amount -= temp;
    }
}

class sav-acct extends acount {
    Scanner X = new Scanner(System.in);
    double temp=0.0;
    double amount= 0.0;
    double interest=0.0;


    void getdetails() {
    customer -name = x.nextLine();
    account-number = x.nextInt();
    }

    void deposit() {
    sout ("Enter the do.amo");
    temp = x.nextDouble();
    amount+= temp;
    }
        void showbalance() {
        Sout ("Balance is: "+amount);
        }
    void withdrawl() {
    sout ("Enter the withdrawl amount ");
        temp = x.nextDouble();  amount -= temp; }
```

```java
void interest() {
    interest = (amount * 1.0 * 3) / 100;
    amount += interest;
    sout("interest added:" + interest);
    sout("Balance is :" + amount);
}
}


public class Main {
    public static void main(String[] args) {
        int opt = 0;
        string type = null;

        Scanner x = new Scanner(System.in);

        sout("welcome to the bank service");
        sout("Enter the    of acnt (cur_acct/sav
                                        -acct)");

        type = x.nextLine();

        if (type.equals("curr_acct")) {
            curr_acct a = new curr_acct();
            sout("f, for the customer_name, account_number:");
            a.getdetails();

            while(true) {
                sout("1. Accept deposit");
                sout("2: Display");
                sout("3: Withdraw  and");
                sout("Enter option:");
                opt = x.next Int();
```

```
switch (opt) {
case 1 : a.deposit();
         a.showbalance();
         break;
case 2 : a.showbalance();
         break;
case 3 : a.withdrawl();
         a.showbalane();
         break;
}
}
}

if (type.equals("sav_acct")) {

    sav_acct a = new sav_acct();

    Sout (" Enter the    customer name, account number");
    a. get details();

    while (true) {
            Sout (" 1: Accept deposit");
            sout ("2: Display the balance");
            sout (" 3: Compute and intrest");
            sout (" 4: Withdrawl ");
            sout (" Enter option :");

    opt = x.next Int();
    switch (opt) {
        case 1 : a.deposit();
                 a.show balance();
                 break;
        case 2 : a.showbalance();
                 break;
```

```
case 3 : a. interest ();
         a.show balance ();
         break;
case 4 : a. withdrawl ();
         a.show balance ();
         break;
```

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