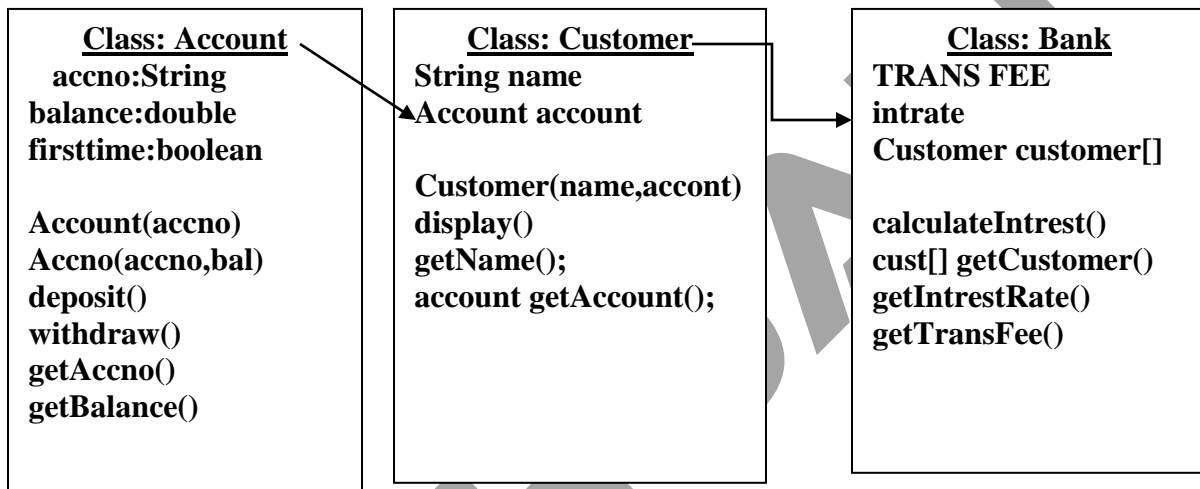


Bank Account example: (Use NetBeans)

A customer opens an account in a bank, the customer must have an initial balance of Rs.1000 while opening the account, the customer can draw, deposit, and check balance any time, the bank does not charge any fees for the 1st withdrawl , but for all subsequent withdrawls , the bank charges some transaction fees. The bank also calculates a certain amount of intrest on the amount deposited by customer as per its intrest rate. Create an object oriented program to automate this process.



Main() method class:

Should have a menu containing following options:

1. Add Customer
2. Deposit Money
3. Withdraw Money
4. Check Balance
5. Calculate Intrest
6. Exit

Enter ur choice :

Output: When option 1 is given

```
1.Add Customer ←
2.Deposit Money
3.Withdraw Money
4.Check Balance
5.Calculate Intrest
6.Exit
Enter ur choice:1
Creatig new Account for customer
Enter ur Account no : A101
Enter Customer name : Raj
Enter Account Balance : 2000
Accno : A101 , Name : Raj, Balance : 2000 was successfully added to the database
```

```
1.Add Customer
2.Deposit Money
3.Withdraw Money
4.Check Balance
5.Calculate Intrest
6.Exit
Enter ur choice:1
Creatig new Account for customer
Enter ur Account no : A102
Enter Customer name : Prem
Enter Account Balance : 200 ←
Accno : A102 , Name : Prem, Balance : 1000 was successfully added to the database
```

Output: When option 2(Deposit), 4(check bal) is given (if accno existing)

```
Enter ur choice:2
Enter account no:A101
Enter the amount to deposit:
1200 ←
1200.0 was successfully deposited in ur account
The new balance of our account is :3200.0 ←
1.Add Customer
2.Deposit Money
3.Withdraw Money
4.Check Balance
5.Calculate Intrest
6.Exit
Enter ur choice:4 ←
Enter account no:A101
Balance is : 3200.0 ←
```

When option 5(calculate intrest) is selected:

Opout:

```
Enter ur choice:5
Enter account no:A101
Intrest Amount :170.0
Total Balance after addinng intrest :2170.0
```

Output: When option 2(deposit), 4(check balance) is given (if accno is not existing, if option 6 is given for exit)

```

Enter ur choice:2 ←
Enter account no:A109 ←
1.Add Customer
2.Deposit Money
3.Withdraw Money
4.Check Balance
5.Calculate Intrest
6.Exit
Account no not found ←
Enter ur choice:4 ←
Enter account no:A109 ←
Account no not found
1.Add Customer
2.Deposit Money
3.Withdraw Money
4.Check Balance
5.Calculate Intrest
6.Exit
Enter ur choice:6 ←
BUILD SUCCESSFUL (total time: 30 seconds)

```

Output: When option 3 is given(insufficient balance)

```

Enter ur choice:3
Enter account no:A101
Enter the amount to withdraw:
1200
1.Add Customer
2.Deposit Money
3.Withdraw Money
4.Check Balance
5.Calculate Intrest
6.Exit
Insufficient balance to withdraw : 1200.0

```

Output: When option 3 is given(1st time withdrawl and 2nd time withdrawl)

1st time:

```

Enter ur choice:3
Enter account no:A101
Enter the amount to withdraw:
500
500.0 withdrawn from your account. Your new Balance is :1500.0

```

2nd time:

```

Enter ur choice:3
Enter account no:A101
Enter the amount to withdraw:
200
200.0 withdrawn from your account.Transaction fee is :100.0 Your new Balance is :1200.0

```