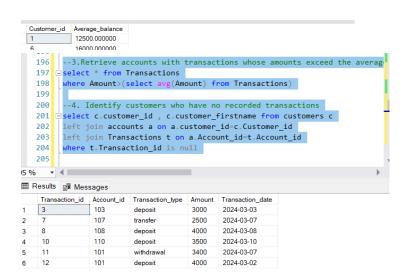
```
183
       --1.Retrieve the customer(s) with the highest account balance.
184
 185
       select c.customer_firstname, c.customer_phone, a.balance
       from customers c
187
       join accounts a on c.customer_id = a.customer_id
188
        where a.balance = (select max(balance) from accounts)
 189
       --2.average account balance for customers who have more than one accou
 191
 192
       select Customer_id , avg(Balance) as Average_balance from Accounts
 193
       group by Customer id
       having count(account_id)>1
 195
196 --- 3. Retrieve accounts with transactions whose amounts exceed the avera
6 -
Results Messages

        customer_firstname
        customer_phone
        balance

        John
        9876543210
        20000.0

                                20000.00
                               20000.00
  Sophia
                  9876543215
```

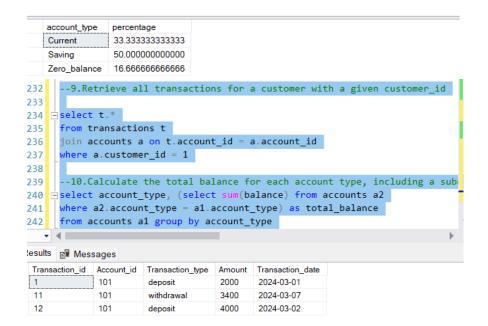


```
Sophia
3
    11
                poornima
 205
       --5.e total balance of accounts with no recorded transactions
 206
 207
       select a.Account_id ,sum(a.balance) as total_balance
 208
        from accounts a
        left join transactions t on a.account_id = t.account_id
 209
 210
        where t.transaction_id is null
 211
        group by a.Account_id
 212
        --6. transactions for accounts with the lowest balance.
 213
 214
       select * from transactions
       where account_id in (select account_id from accounts where balance = (select min(balance) from accounts));
 216
 217
        .
--7.Identify customers who have accounts of multiple types
 218
Results Messages
 Account_id total_balance 114 20000.00
            20000.00
```

Transaction_id	Account_id	Transaction_type	Amount	Transaction_date
4	104	transfer	1000	2024-03-01
8	108	deposit	4000	2024-03-08

customer\_id customer\_firstname

```
--7.Identify customers who have accounts of multiple types
  218
  219
  220 select customer_id
        from accounts
  221
        group by customer_id
  222
  223
        having count(distinct account_type) > 1
  224
  225 --8.Calculate the percentage of each account
        --type out of the total number of accounts
  226
  227
  228 select account_type, count(*) * 100.0 / (select count(*)
       from accounts) as percentage
  229
       from accounts group by account_type
  230
  231
  232
       --9.Retrieve all transactions for a customer with a given custom
  233
% ▼ 4 ■
Results 🗐 Messages
   customer_id
  1
```



account_type	total_balance	
Current	57000.00	
Saving	49000.00	
Zero_balance	0.00	