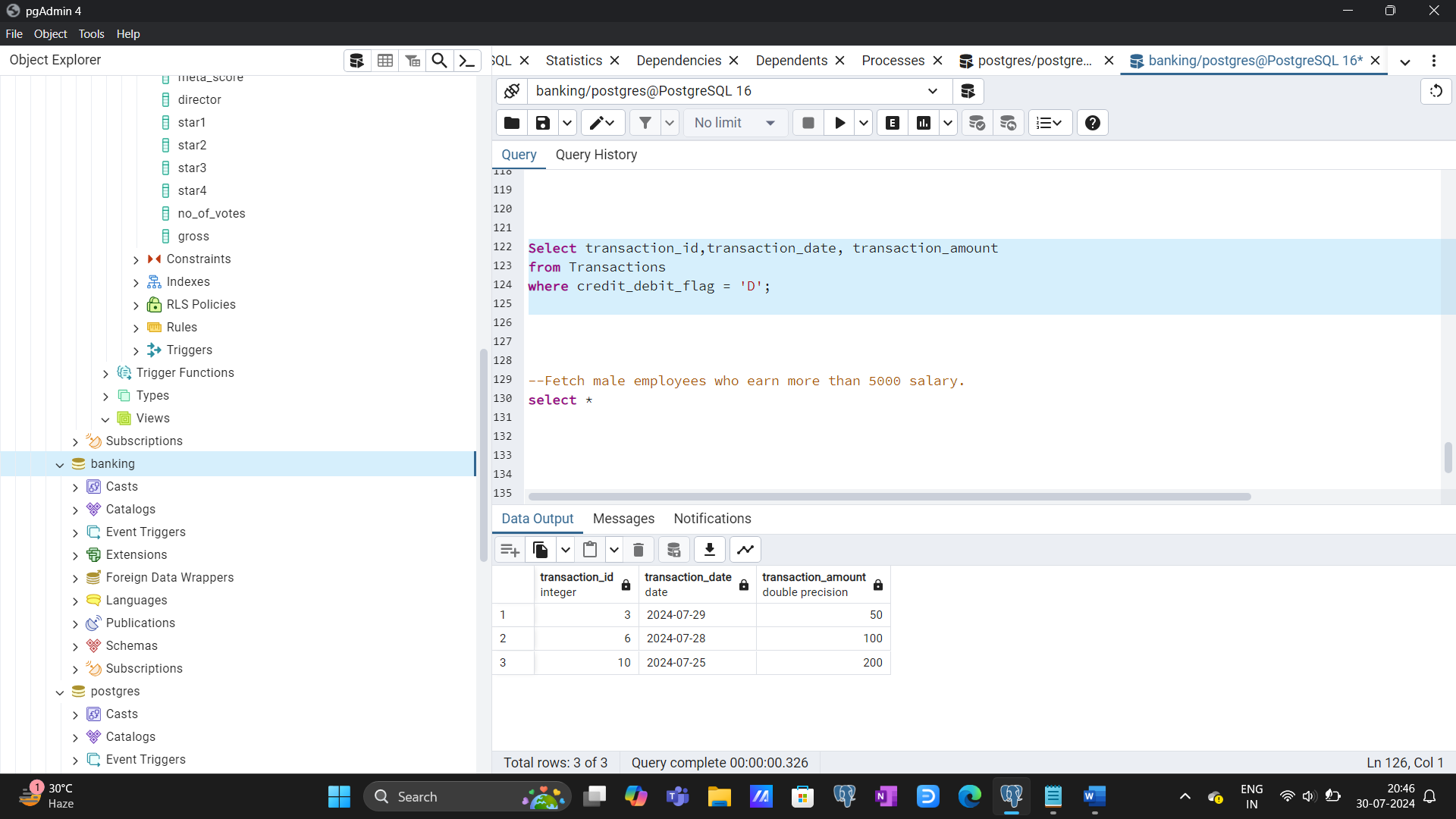
1.Fetch the transaction id, date and amount of all debit transactions

Select transaction\_id, transaction\_date, transaction\_amount

from Transactions

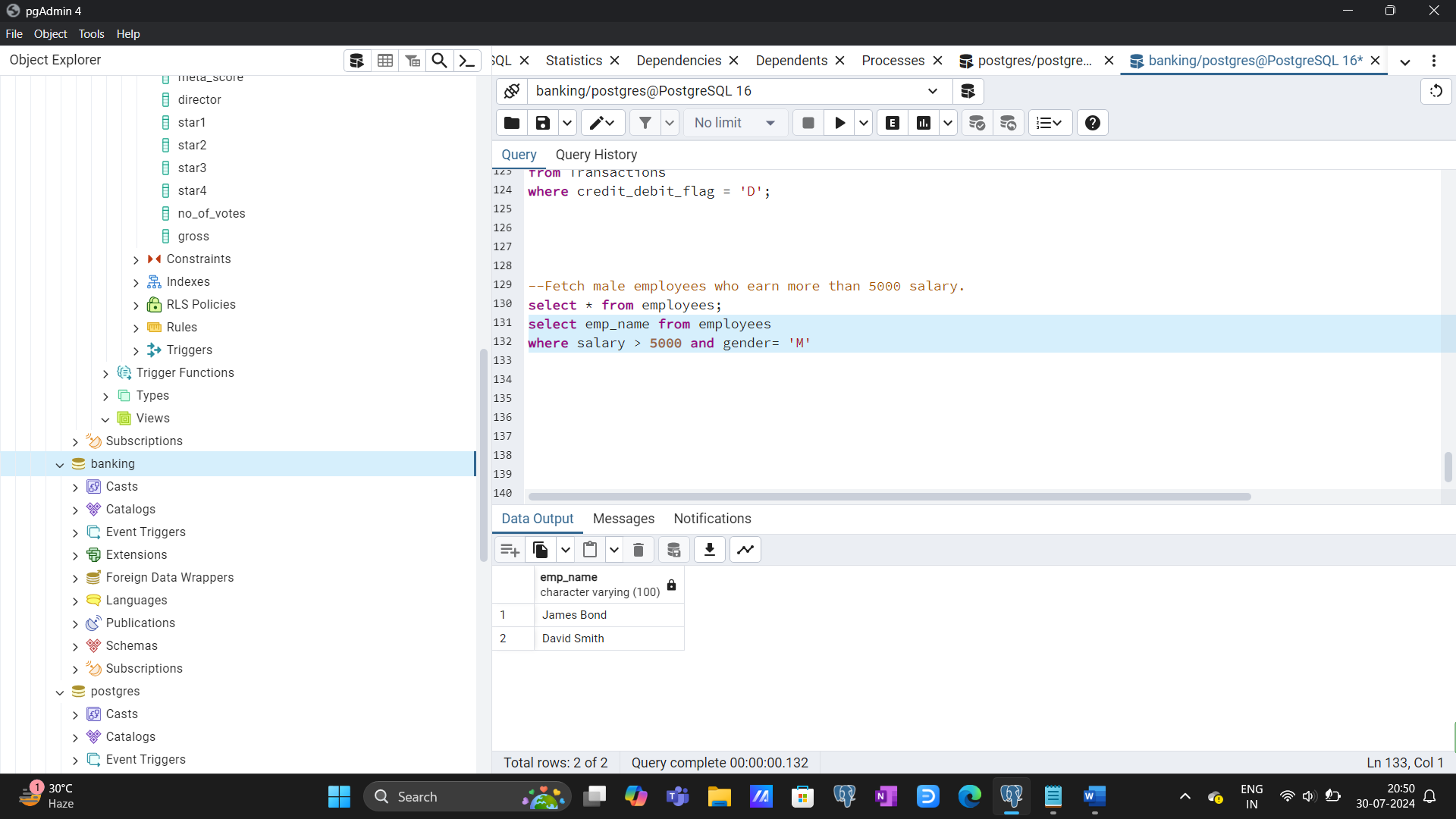
where credit\_debit\_flag = 'D';



2. Fetch male employees who earn more than 5000 salaries.

select emp\_name from employees

where salary > 5000 and gender= 'M';

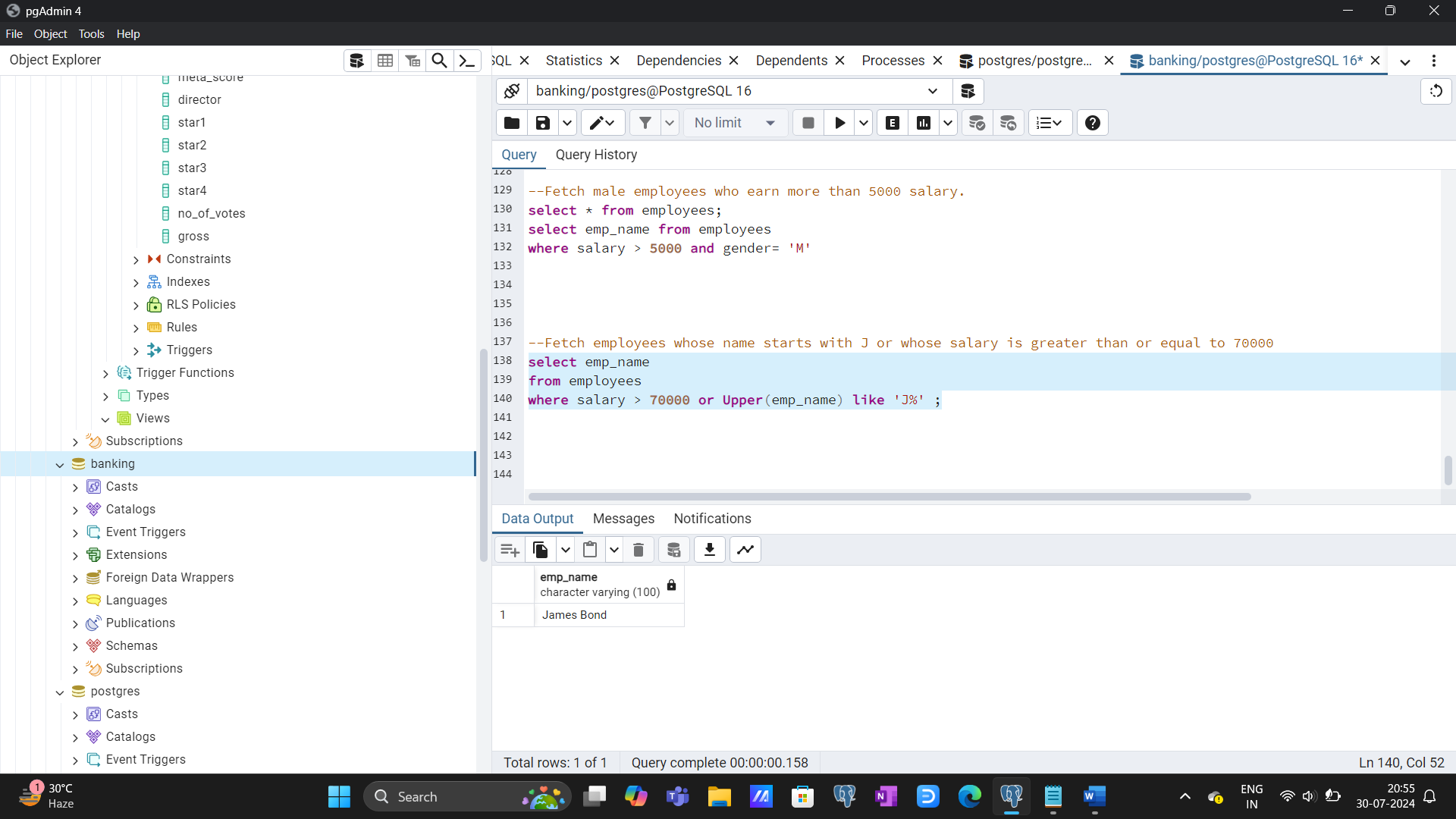


3. Fetch employees whose name starts with J or whose salary is greater than or equal to 70000

select emp\_name

from employees

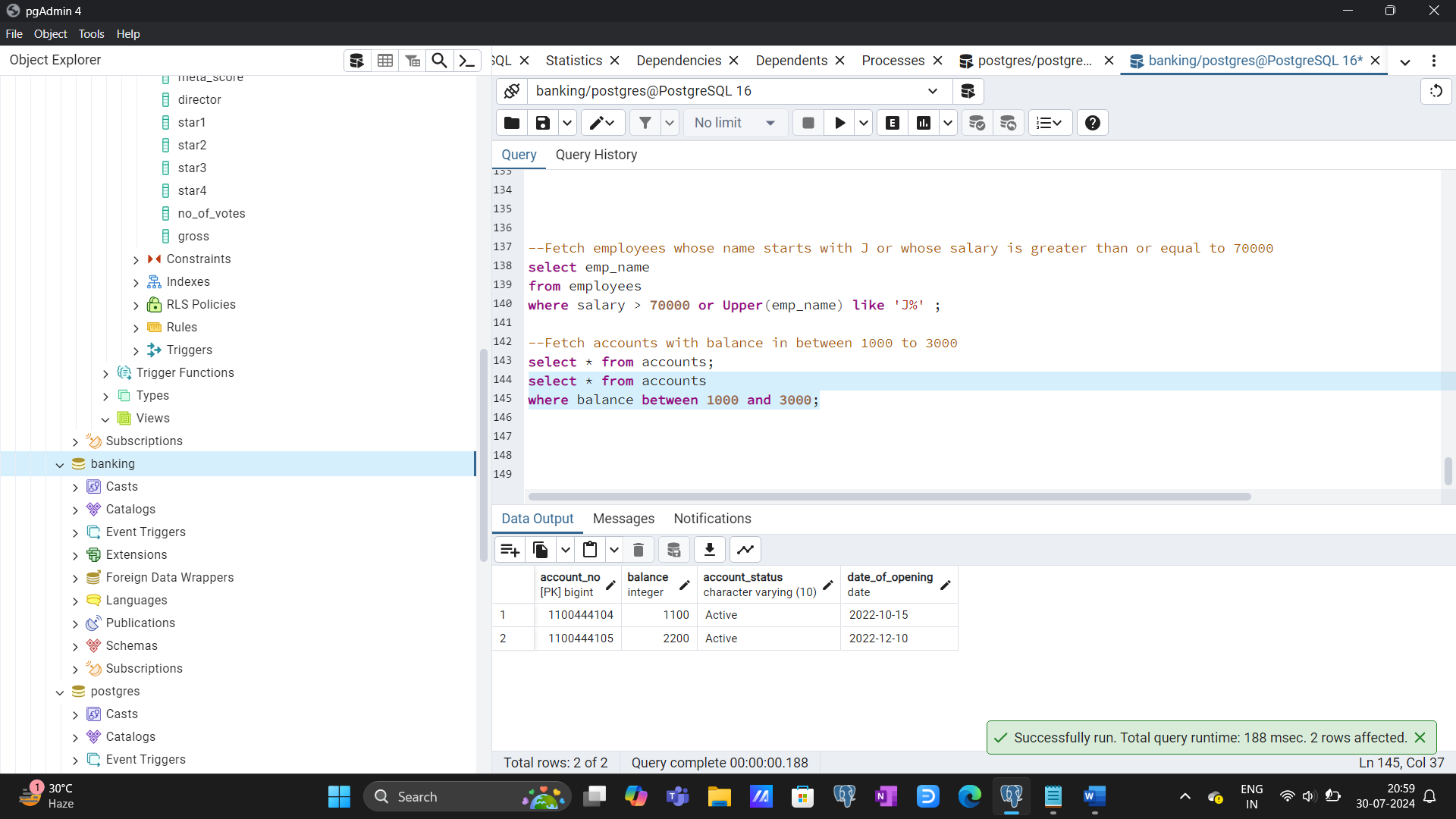
where salary > 70000 or Upper(emp\_name) like 'J%’;



4. Fetch accounts with balance in between 1000 to 3000

select \* from accounts

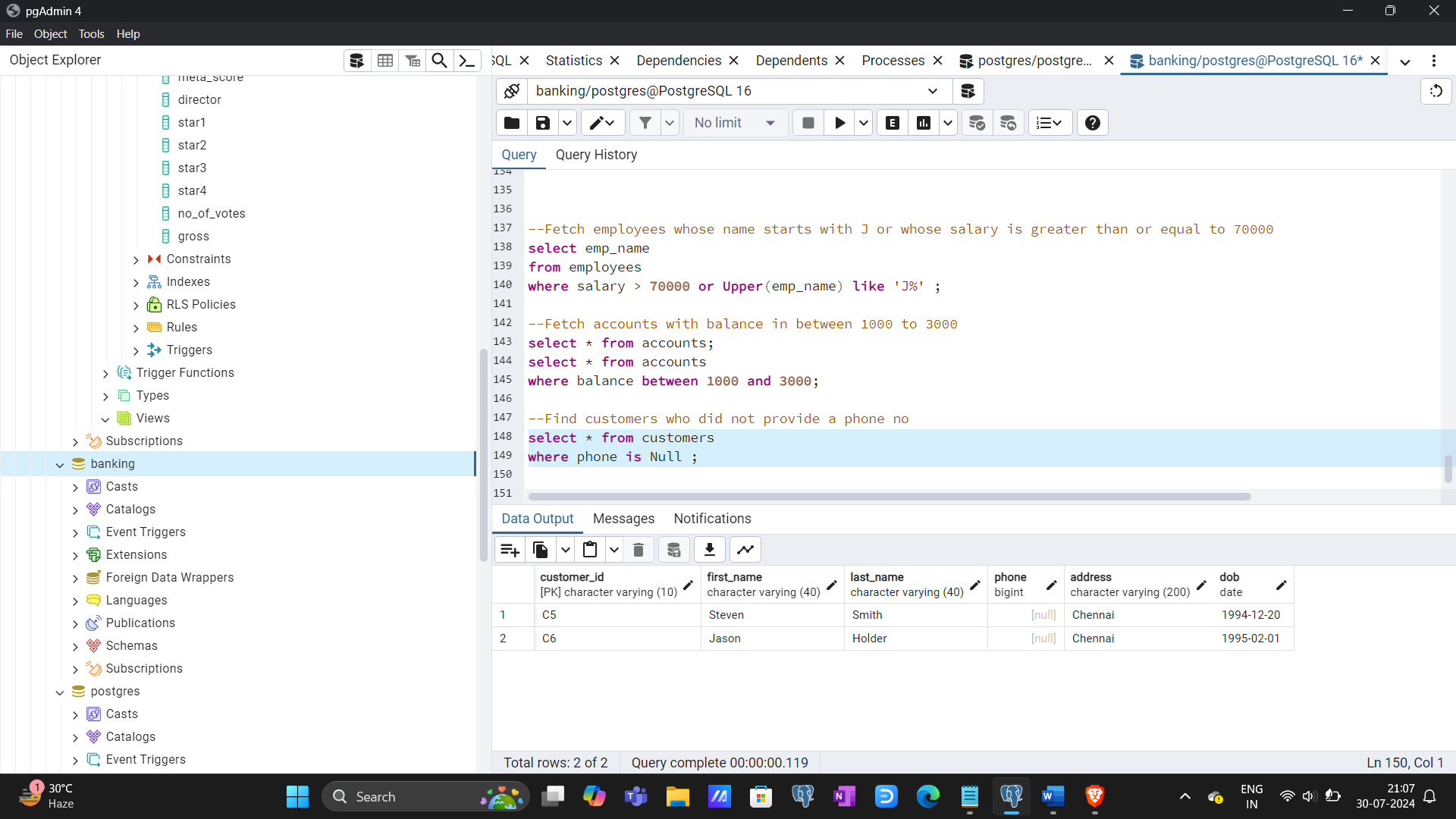
where balance between 1000 and 3000;



5. Find customers who did not provide a phone no

select \* from customers

where phone is Null;



6. Find all the different products purchased by the customers

select ca.customer\_id, concat(cs.first\_name, ' ' ,cs.last\_name) as customer\_name, pr.prod\_name from customer\_accounts ca

join products pr

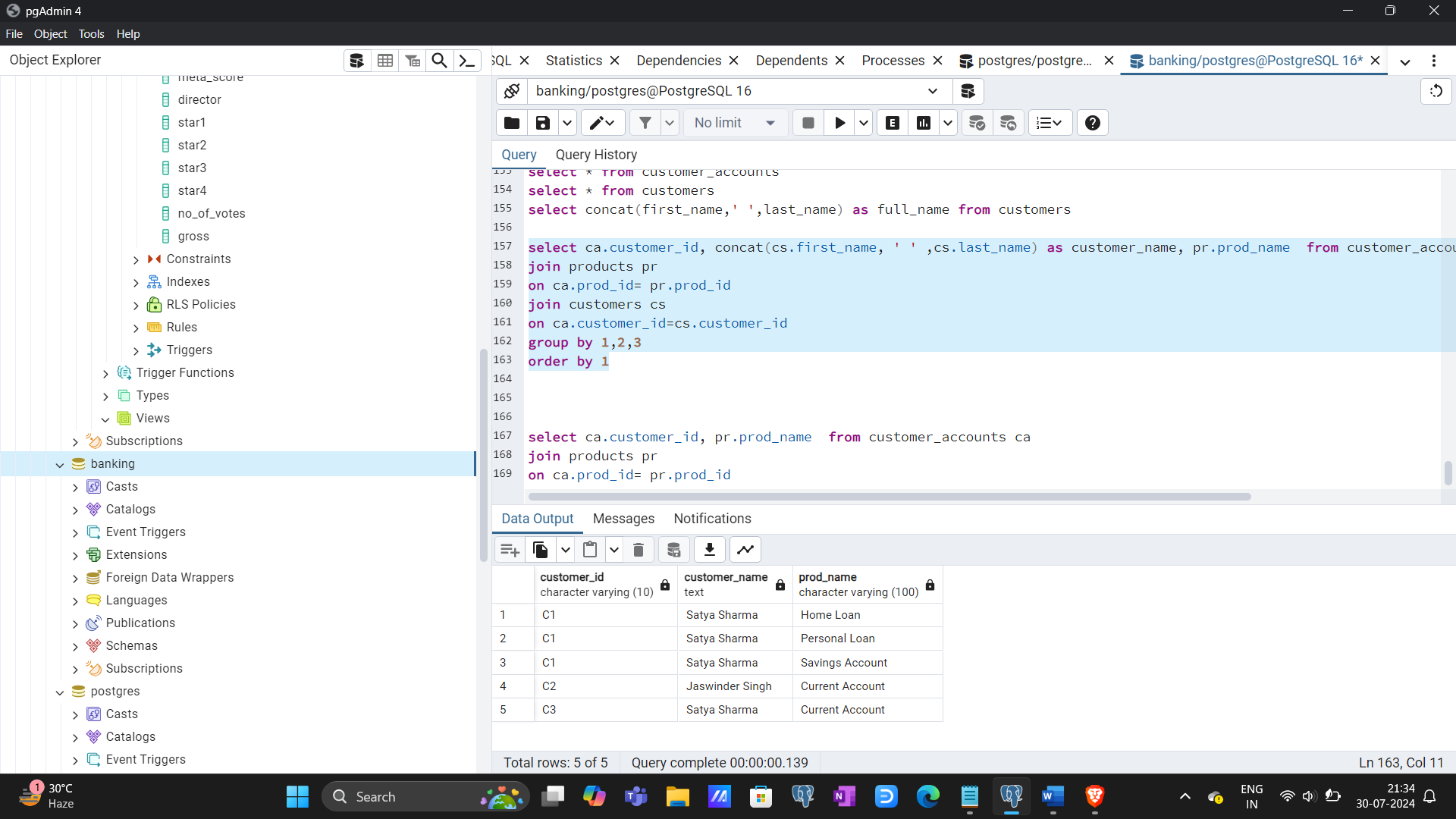
on ca.prod\_id= pr.prod\_id

join customers cs

on ca.customer\_id=cs.customer\_id

group by 1,2,3

order by 1;



7. Sort all the active accounts with product name, customer\_id & customer\_name based on highest balance and based on the earliest opening date

select a.account\_no, a.balance, a.date\_of\_opening, pr.prod\_name, ca.customer\_id,concat(cs.first\_name, ' ' ,cs.last\_name) as customer\_name from accounts a

join customer\_accounts ca

on a.account\_no = ca.account\_no

join customers cs

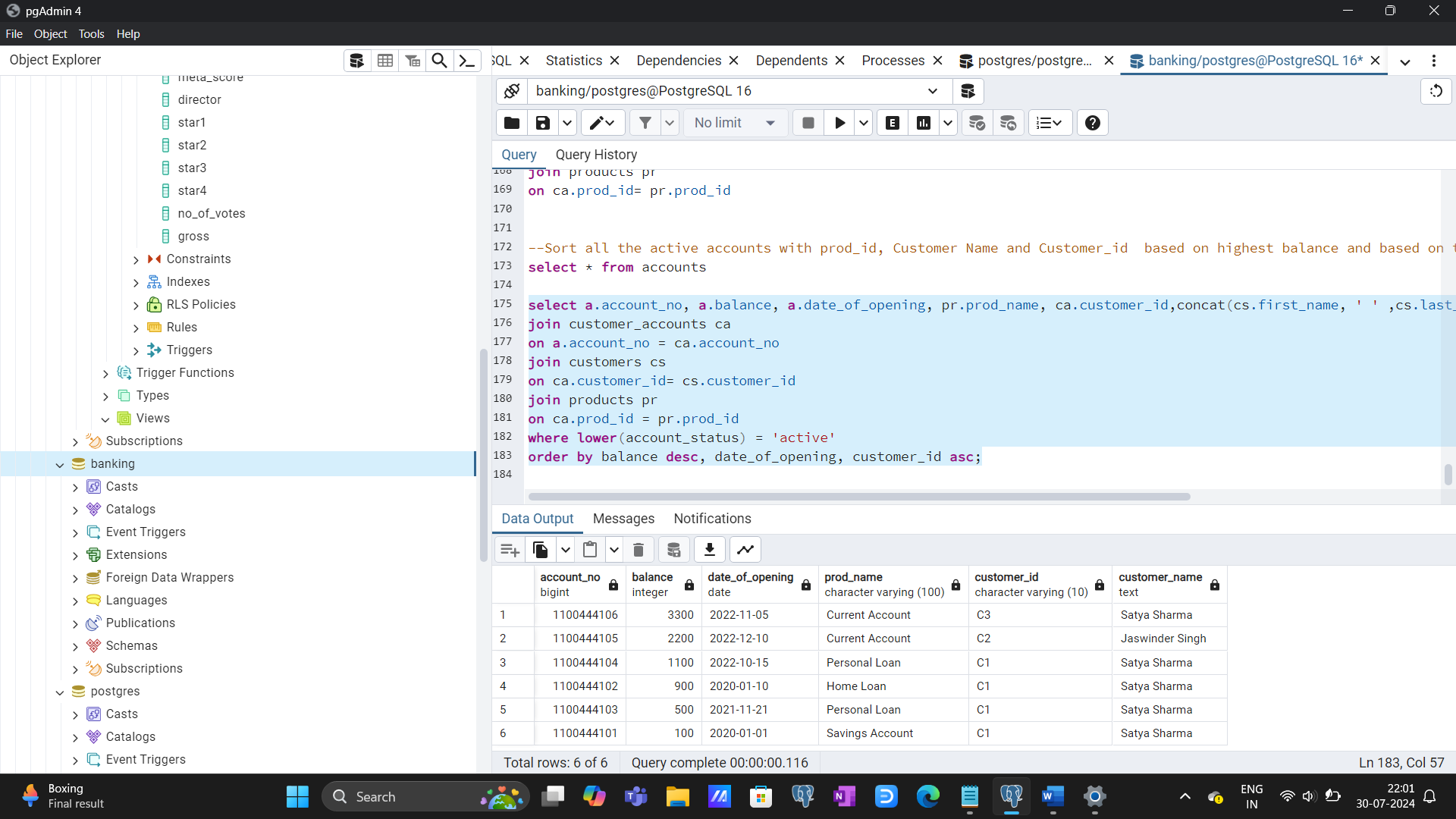
on ca.customer\_id= cs.customer\_id

join products pr

on ca.prod\_id = pr.prod\_id

where lower(account\_status) = 'active'

order by balance desc, date\_of\_opening, customer\_id asc;

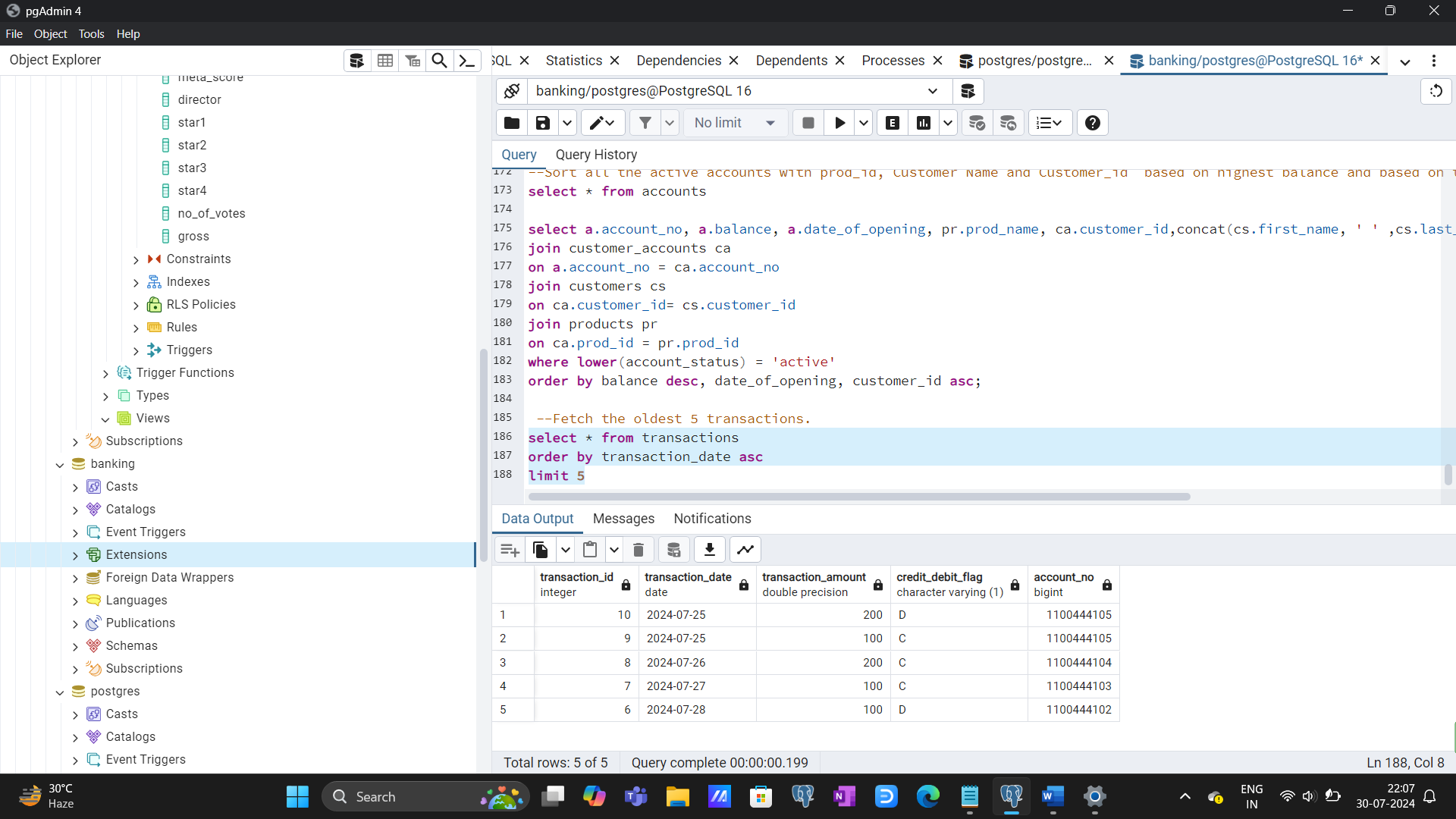


8. Fetch the oldest 5 transactions.

select \* from transactions

order by transaction\_date asc

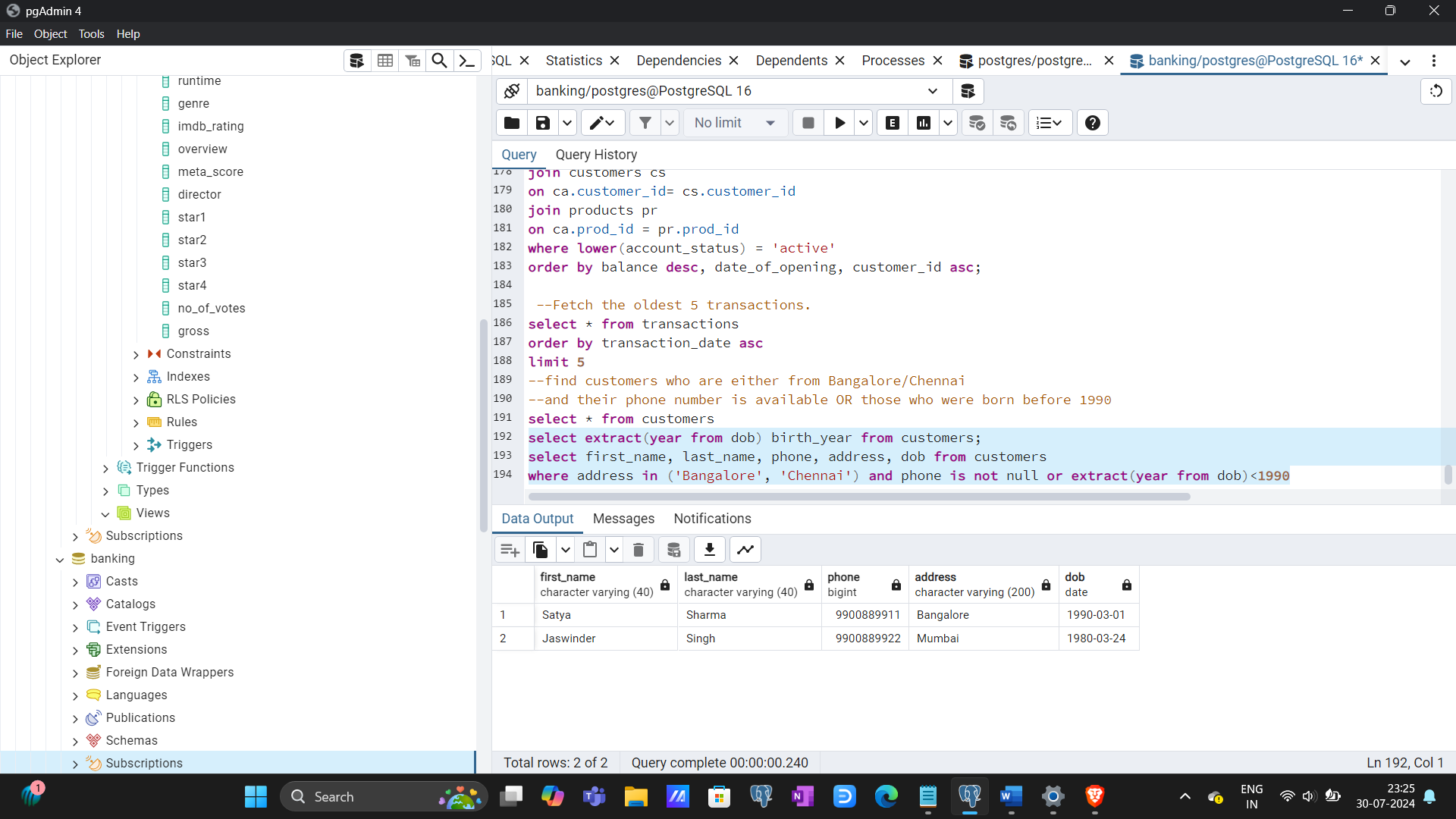
limit 5;



9. Find customers who are either from Bangalore/Chennai and their phone number is available OR those who were born before 1990

select first\_name, last\_name, phone, address, dob from customers

where address in ('Bangalore', 'Chennai') and phone is not null or extract(year from dob)<1990



10. Categorise accounts based on their balance.[Below 1k is Low balance, between 1k to 2k is average balance, above 2k is high balance]

select account\_no, balance,

case

when balance < 1000 then 'Low'

when balance between 1000 and 2000 then 'Average'

when balance > 2000 then 'High'

end as Category

from accounts

order by balance desc;

