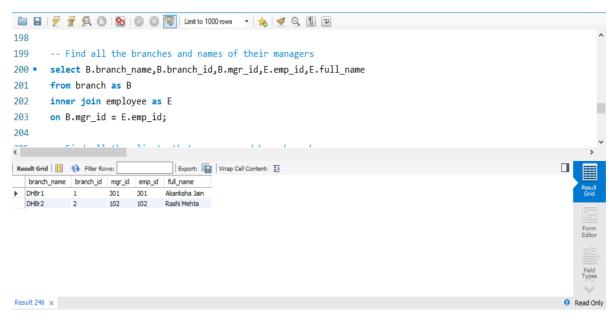
DBMS Assignment – 5

I. INNER JOIN

1. Query: -- Find all branches and names of their managers select B.branch_name,B.branch_id,B.mgr_id,E.emp_id,E.full_name from branch as B inner join employee as E on B.mgr_id = E.emp_id;

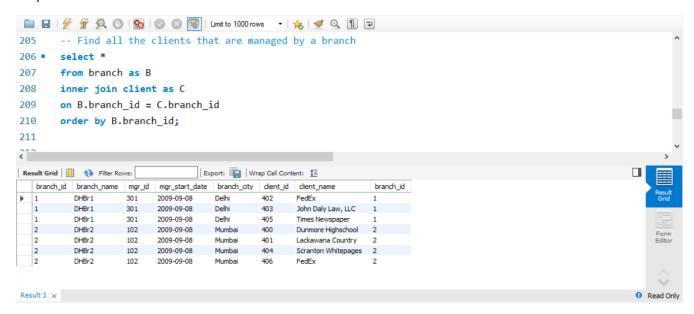
Output:



2. Query: -- Find all the clients that are managed by a branch

select *
from branch as B
inner join client as C
on B.branch_id = C.branch_id
Order by B.branch_id;

Output:

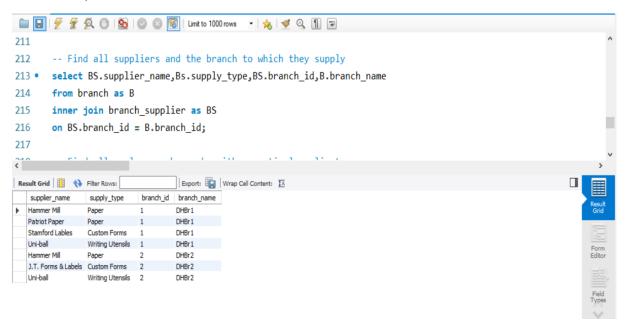


3. Query: -- Find all suppliers and the branch to which they supply

select BS.supplier_name,BS.supply_type,BS.branch_id,B.branch_name from branch as B inner join branch_supplier as BS

on BS.branch id = B.branch id;

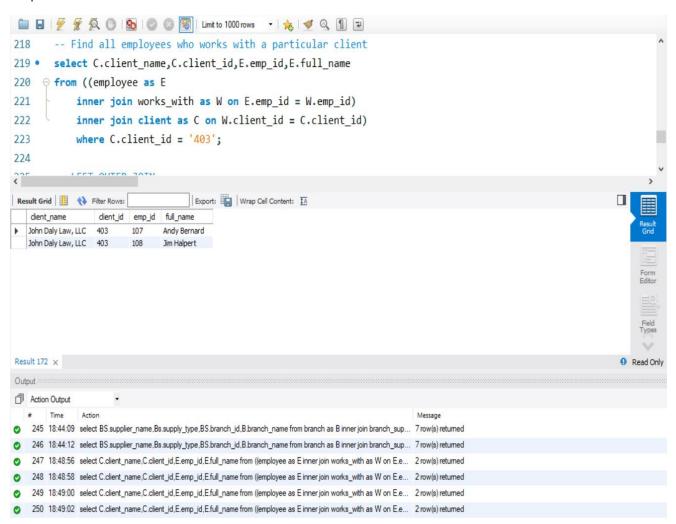
Output:



4. Query: -- Find all employees who works with a particular client

select C.client_name,C.client_id,E.emp_id,E.full_name
from ((employee as E
inner join works_with as W on E.emp_id = W.emp_id)
inner join client as C on W.client_id = C.client_id) where C.client_id = '403';

Output:

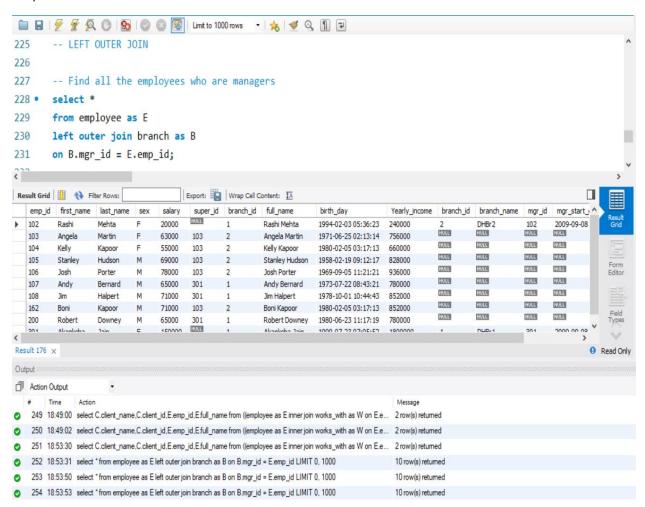


II. LEFT OUTER JOIN

1. Query: -- Find all the employees who are managers

```
select * from employee as E
left outer join branch as B
on B.mgr_id = E.emp_id;
```

Output:



2. Query: -- Find all the branches that deal with the client FedEx

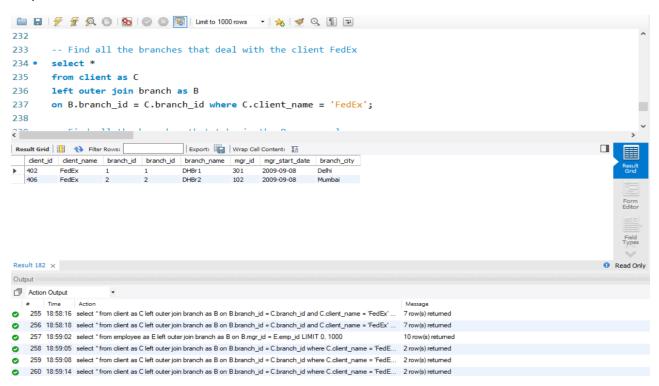
select *

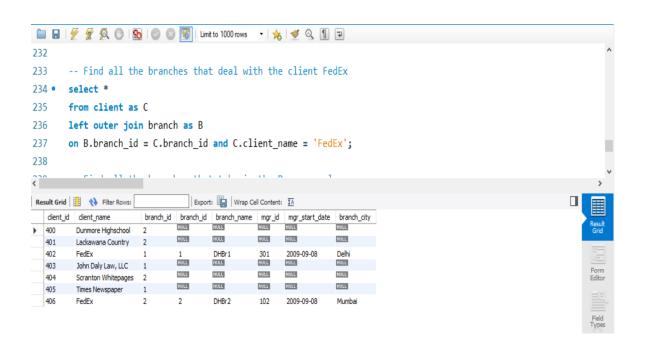
from client as C

left outer join branch as B

on B.branch id = C.branch id where C.client name = 'FedEx';

Output:





3. Query: -- Find all the branches that take in the Paper supply

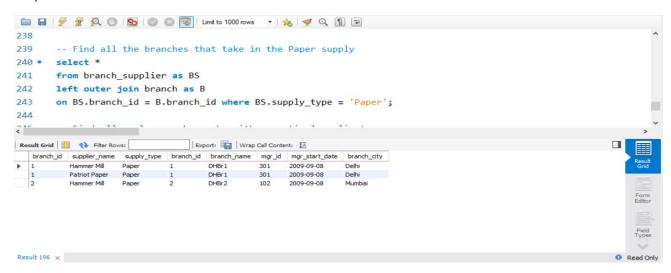
select *

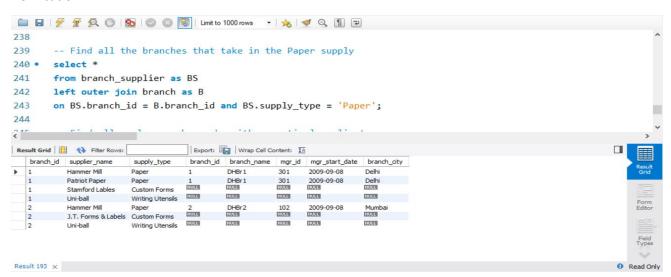
from branch supplier as BS

left outer join branch as B

on BS.branch_id = B.branch_id where BS.supply_type = 'Paper';

Output:





4. Query: -- Find all employees who works with a particular client

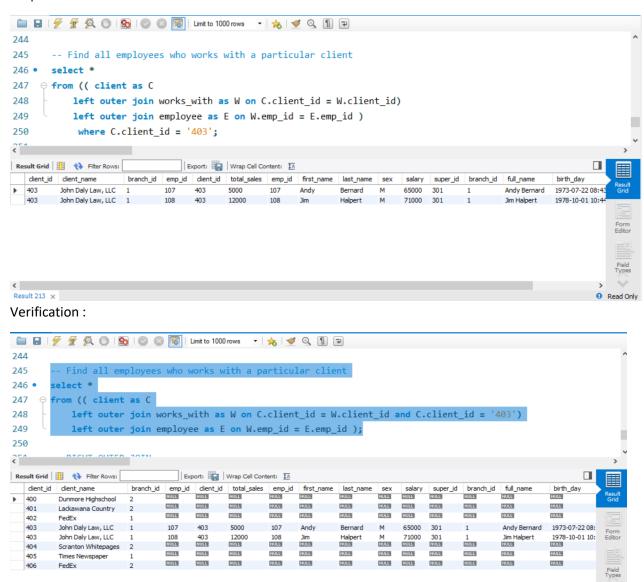
select *

from ((client as C

left outer join works_with as W on C.client_id = W.client_id)

left outer join employee as E on W.emp_id = E.emp_id) where C.client_id = '403';

Output:

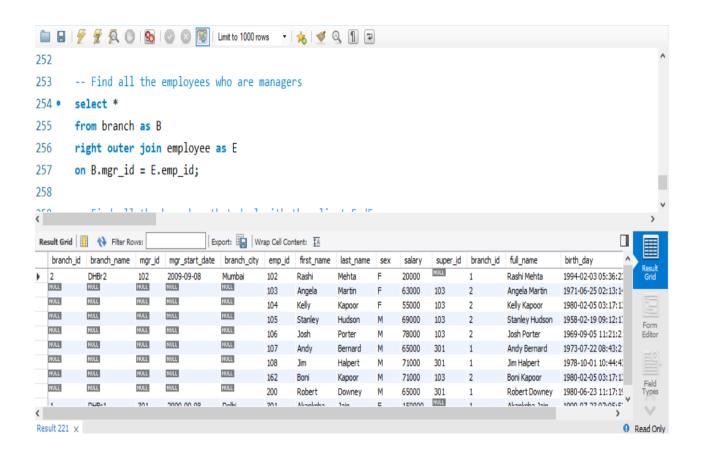


III. RIGHT OUTER JOIN

1. Query: -- Find all the employees who are managers

```
select * from branch as B
right outer join employee as E
on B.mgr_id = E.emp_id;
```

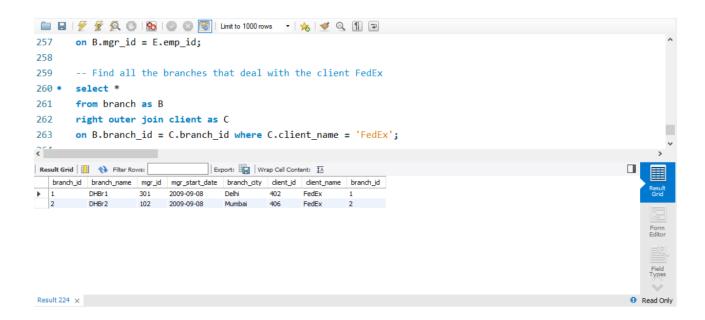
Output:

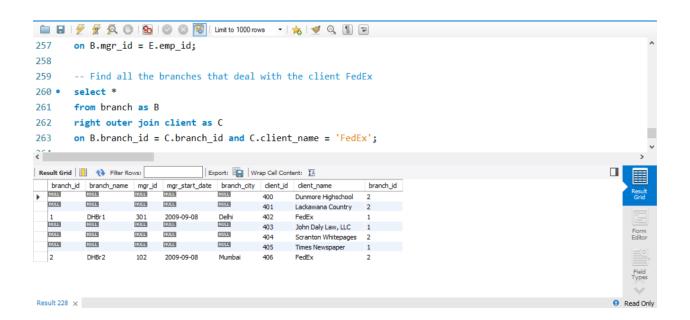


2. Query: -- Find all the branches that deal with the client FedEx

```
select *
from branch as B
right outer join client as C
on B.branch id = C.branch id where C.client name = 'FedEx';
```

Output:





3. Query: -- Find all the branches that take in the Paper supply

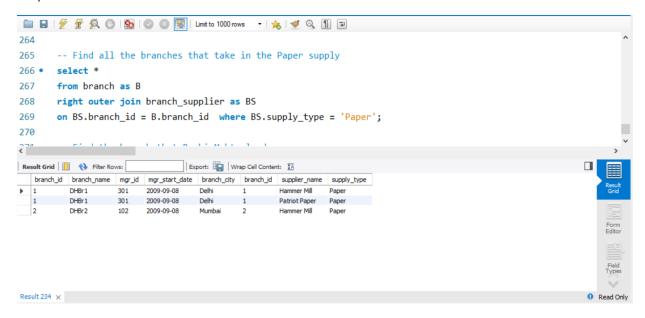
select *

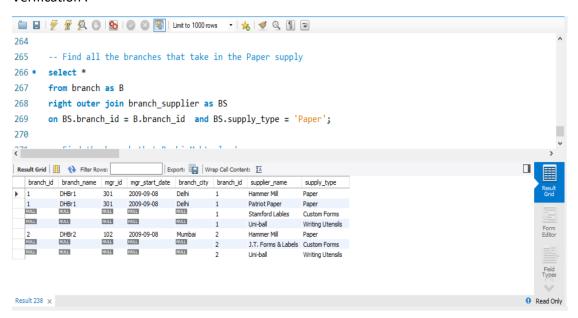
from branch as B

right outer join branch supplier as BS

on BS.branch_id = B.branch_id where BS.supply_type = 'Paper';

Output:





4. Query: -- Find the branch that Rashi Mehta leads as a manager

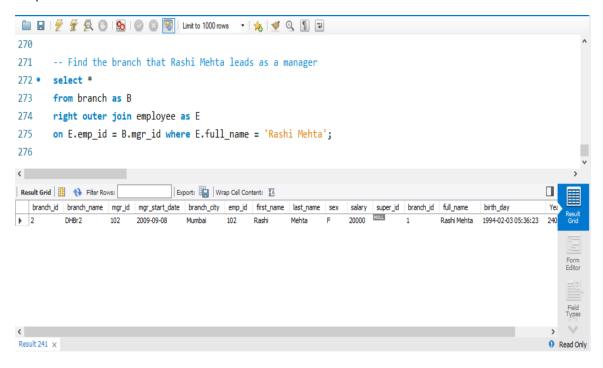
select *

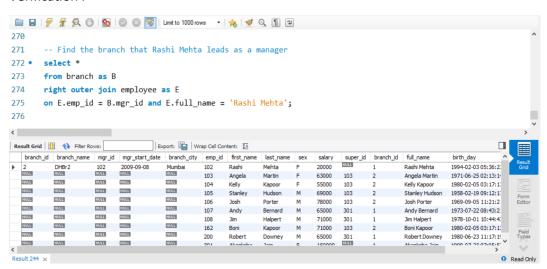
from branch as B

right outer join employee as E

on E.emp_id = B.mgr_id where E.full_name = 'Rashi Mehta';

Output:





Sumith Sai Budde, 18bcs101

Syed Sufyan Ahmed, 18bcs103

S. Sampath, 18bcs087

Bharath MP, 18bcs057

Jagan Mohan Reddy, 18bcs029

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