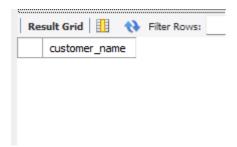
Find all customers who have an account at all the branches located in a specific city ex: Delhi

```
SELECT bc.customer name
 FROM bank customer bc
⇒ WHERE NOT EXISTS (
     SELECT b.branch name
     FROM branch b
     WHERE b.branch_city = 'Delhi'
     AND NOT EXISTS (
         SELECT 1
         FROM depositor d
         JOIN bank account ba ON d.account no = ba.account no
         WHERE d.customer name = bc.customer name
         AND ba.branch name = b.branch name
     )
 );
 customer_name
   Nikhil
   Ravi
   NULL
```

Find all customers who have a loan at the bank but do not have an account.

```
SELECT DISTINCT lc.customer_name
FROM loan l
JOIN branch b ON l.branch_name = b.branch_name
LEFT JOIN bank_account ba ON l.branch_name = ba.branch_name
LEFT JOIN depositor d ON ba.account_no = d.account_no
JOIN bank_customer lc ON d.customer_name = lc.customer_name
WHERE d.customer_name IS NULL;
```



Find all customers who have both an account and a loan at the Bangalore branch

Find the names of all the branches that have greater assets than all the branches located in Delhi

Demonstrate how you delete all the account tuples at every branch located in a specific city ex: Delhi

```
DELETE FROM bank_account

WHERE branch_name IN (
    SELECT branch_name
    FROM branch
    WHERE branch_city = 'Delhi'
);
```

Update the annual interest payments are made and all branches are to be increased by 5%

```
ALTER TABLE bank_account

ADD COLUMN interest_rate REAL DEFAULT 0.05;

UPDATE bank_account

SET balance = balance + (balance * interest_rate);

UPDATE branch

SET assets = assets * 1.05;
```