

Part C: Views

View 1: Computes a join of at least three tables

```
SELECT *  
FROM Filter as F INNER JOIN Tweet as T  
ON F.Text_ID = T.Text_ID  
INNER JOIN Users as U  
ON T.User_ID = U.User_ID
```

View 2: Uses nested queries with the ANY or ALL operator and uses a GROUP BY clause

```
SELECT DisplayName  
FROM Users  
WHERE User_ID = ANY (SELECT User_ID FROM Tweet WHERE User_ID > 10)  
GROUP BY DisplayName
```

View 3: A correlated nested query

```
SELECT AVG(Reply_Count)  
FROM Filter, Tweet  
WHERE Text_ID = Tweet.Text_ID
```

View 4: Uses a FULL JOIN

```
SELECT *  
FROM Tweet  
FULL OUTER JOIN Users  
ON Tweet.Text_ID = Users.User_ID
```

View 5: Uses nested queries with any of the set operations UNION, EXCEPT, or INTERSECT

```
SELECT User_ID FROM Tweet
UNION
SELECT User_ID FROM Users
ORDER BY User_ID
```