

Views

```
SELECT *  
FROM customers; -- 2
```

```
SELECT *  
FROM orders; -- 4, 7
```

```
SELECT *  
FROM order_items; -- 3(14), 10 (7)
```

```
SELECT *  
FROM products;
```

-- business analyst wants to see which products have been ordered in what quantity from which city

```
DROP VIEW City_Orders;
```

```
CREATE VIEW City_Orders AS  
SELECT c.city, p.name, SUM(oi.quantity) AS Total  
FROM customers c  
JOIN orders o  
    ON c.customer_id = o.customer_id  
JOIN order_items oi  
    ON o.order_id = oi.order_id  
JOIN products p  
    ON oi.product_id = p.product_id  
GROUP BY c.city, p.name;
```

```
SELECT *  
FROM City_Orders;
```

-- is it possible to do an update, delete, insert via view (don't ever do it)