

2. Execute the following Cypher code to get the list of retailers:

```
MATCH (r:Retailer)
```

```
RETURN (r);
```

3. Execute the following Cypher code to get the list of employees:

```
MATCH (e:Employee)
```

```
RETURN (e);
```

4. Execute the following Cypher code to get the list of customers:

```
MATCH (c:Customer)
```

```
RETURN (c);
```

5. Execute the following Cypher code to get the list of all Disputed transactions

```
MATCH (customer:Customer)-[transaction:SHOPPED_AT]->(retailer) WHERE  
transaction.status = "Disputed"
```

```
RETURN customer.name AS `Customer Name`, retailer.name AS `Retailer Name`,  
transaction.amount AS `Transaction Amount`, transaction.date AS `Transaction date`
```

```
ORDER BY `Transaction date` DESC
```

6. Write the Cypher code to get the number of disputed transactions for every retailer

```
MATCH (customer:Customer)-[transaction:SHOPPED_AT]->(retailer) WHERE  
transaction.status = "Disputed"
```

```
RETURN retailer.name AS `Retailer Name`, count(*)
```

7. Write the Cypher code to get the number of disputed transactions and the list of customer names for these disputed transactions for every retailer

```
MATCH (customer:Customer)-[transaction:SHOPPED_AT]->(retailer) WHERE  
transaction.status = "Disputed"
```

```
RETURN retailer.name AS `Retailer Name`, customer.name AS `Customer Name`,  
transaction.amount AS `Transaction Amount`, transaction.date AS `Transaction date`
```

```
ORDER BY `Retailer Name`
```

8. Write the Cypher code to get the number of disputed transactions for every customer that has more than one disputed transaction

```
MATCH (customer:Customer)-[transaction:SHOPPED_AT]->(retailer) WHERE  
transaction.status = "Disputed"
```

```
WITH customer.name AS `Customer Name`, count(transaction) as cnt
```

```
WHERE cnt > 1
```

```
RETURN `Customer Name`, cnt
```

9. Write the Cypher code to get the list of stores on LaSalle street that have disputed transactions and the number of disputed transactions for every store; the store list must be sorted by store name in ascending order.

```
MATCH (customer:Customer)-[transaction:SHOPPED_AT]->(retailer:Retailer)
```

```
WHERE transaction.status = "Disputed" AND retailer.street CONTAINS "LaSalle"
```

```
RETURN retailer.name AS `Retailer Name`, retailer.street AS `Street`, count(*) AS  
`Number of Disputes`
```

```
ORDER BY retailer.name
```

10. Write the Cypher code to get the list of Employees who work in at least 2 stores where disputed transactions reported in these retailers

```
WITH count(transaction.status = 'Disputed') as disputed
```

```
WHERE disputed > 1
```

```
MATCH (retailer:Retailer) - [works:WORKS_AT] - (employee:Employee)
```

```
WITH employee, count(*) AS morethanone
```

```
WHERE morethanone > 1
```

```
RETURN employee.name AS `Employee`
```

