

Homework

1. Following the example query to find the total number of ShipVia.

```
sqlite> SELECT ShipVia FROM 'Order' GROUP BY ShipVia;
1
2
3
sqlite> SELECT COUNT(ShipVia) FROM 'Order' GROUP BY ShipVia;
5572
5592
5654
sqlite>
```

Modify the example to get the same output

```
1|5572
2|5592
3|5654
sqlite>
```

2. The example query shows the sum of orders which are late.

```
sqlite> SELECT COUNT(*) FROM 'Order' WHERE ShippedDate > RequiredDate;
3953
sqlite>
```

Modify the query to get the same output

```
1|1307
2|1311
3|1335
sqlite>
```

It means there are total 1307 orders are late from ShipVia 1, 1311 orders are late from ShipVia2

3. Based on the question 1 and question 2 to get the late rate for each ShipVia

```
E:\CSC315\Data>sqlite3 northwind.db ".read q4.sql"
1|23.46
2|23.44
3|23.61
```

$$1307/5572 = 23.46\%$$