# Lab 7 – Sub-Queries

Create a new query for the QAStore and save it as **07SubQueries.sql**

## Exercise 7.1 – IN

**Exercise 7.1.1 – IN**

For the **sale** table display:

* All the columns
* For each **company** where the **county** of that **company** equals “London”

**7.1.2 Alternative using JOIN**

* Repeat 7.1.1 but using a JOIN

**7.1.3 NOT IN**

For the **sale** table display:

* All the columns
* For each **company** where the **county** of that **company** does not equal “London”

## Exercise 7.2 – Equals

**Exercise 7.2.1 – Equals**

For the **salesperson** table display:

* All the columns
* For all the **salespersons** who earn the maximum **salary**

**Exercise 7.2.2 – Not Equals**

For the **salesperson** table display:

* All the columns
* For all the **salespersons** who do not earn the maximum **salary**

## Exercise 7.3 – EXISTS

**Exercise 7.3.1 – EXISTS**

For the **salesperson** table display:

* All the columns
* For all the **salespersons**
* If the minimum **salary** is less than or equal to 10

**Exercise 7.3.2 – NOT EXISTS**

For the **salesperson** table display:

* All the columns
* For all the **salespersons**
* If the maximum **salary** is not greater than or equal to 30

## Exercise 7.4 – Multiple Level

**Exercise 7.4.1 – Salesperson with Maximum Value of Sales**

For the **salesperson** table display:

* The **emp\_no** and **last\_name**
* The sum of the **order\_value** for the sales they have made
* For the salesperson who has made the maximum value of sales

**Exercise 7.4.2 – Salesperson with Minimum Value of Sales**

Display the salesperson who has made the minimum value of sales.

**Exercise 7.4.3 – Salesperson with No Sales**

Display the salespersons who have made no sales.