Exercise Sheet 2

In this exercise sheet we're going to work on data filtering for easier analysis.

For these exercises we'll be using the userWithDate.db that you can find in the attachments.

1   Exercise 1

1. Find all the events that user 3 has performed

2. Find all the events that have an l in their name

3. Find all Login and Logout events

2   Exercise 2

1. Find all the photo events, and display them in order of most recent first

2. Filter these events for just the ones that happened in the most recent 30 seconds, relative to the time of the most recent event

3 Exercise 1 Sample Solutions

1. SELECT *
   FROM userData
   WHERE userId = 3;

2. SELECT *
   FROM userData
   WHERE eventName LIKE '%l%';

3. SELECT *
   FROM userData
   WHERE eventName IN ('Login','Logout');

4 Exercise 2 Sample Solutions

1. SELECT *
   FROM userData
   WHERE eventName = 'Photo'
   ORDER BY time DESC;

2. SELECT *
   FROM userData
   WHERE eventName = 'Photo' AND
   "time">= 1546297477.070375-30
   ORDER BY time DESC;