Lab 1 – Selection and Filter Exercise

Create a database and call it stockexchange, use the SQL script in Moodle to create the tables and populate the tables. Find the following information

* 1. What currencies are available to price shares in?
  2. What trades have been made this month?
  3. What companies have their head quarters in New York (place\_id 3)?
  4. What is the Symbol used for the London Stock Exchange?
  5. What cities are associated with France?
  6. There are two brokers called John, what are their last names?
  7. What trades have been made in the last 7 days?
  8. List the broker ids who work at the stock exchange id of 1.
  9. Display the company that has a company id of 2.
  10. Display the currency that has a currency id of 1.
  11. Display the name of the Stock exchange with the symbol TSE.
  12. Display the last name of the broker whose id is 2.
  13. List the trade ids & price totals of the trades which have taken place at the stock ex id of 3 and share\_amount greater than 20000.
  14. What are the broker ids for the brokers working at stock exchange 2? Sort the broker ids into ascending order.
  15. Which currencies have the word "British" in them?
  16. Which stock exchanges contain "SE" in their symbol. What are their full names? Sort them into descending order.
  17. Which share ids have their prices between 400 and 500?
  18. Which shares were traded in the last year? (i.e. since this day last year)
  19. Which trade ids took place in this calendar year (i.e. since 1 January)?