Lab 3

[Include your MySQL query and its output in your text file]

All questions are based on the databases created in the previous assignments.

For the classSchedule database, write SQL statements to answer the following questions:

1. Which students have an ID number that is less than 50000?
2. What is the name of the faculty member whose ID is 4756?
3. Which faculty members have qualified to teach a course since 1993? List the faculty ID, course and date of qualification.
4. What are the courses included in the section table? List each course only once.

For the hotelBooking database, write SQL statements to answer the following question:

1. List full details of all hotels.
2. List full details of all in London.
3. List the bookings for which no dateTo has been specified.

For the stayHome database, write SQL statements to answer the following queries:

1. List the rate for renting videos for 3 days.
2. List all staff with a salary between $45000 and $50000.
3. List all videos in the Action or children categories.
4. List all staff whose first name is 'Sally'.
5. List the video rentals that have not yet been returned.

For the BankAccount database, write SQL statements to answer the following queries:

1. Find all customers with the last name "Smith"
2. List all products and customers who have balance between $200 and $500

3. List all transaction details on the March 2004.
4. List all the mail records (when it is sent, from who and who is the host) so that the host begins with the letter s.
5. Find messages sent by barb to tricia
6. List all the messages with minimum 500 kilobytes size (hint the size in your table is in bytes)
7. Find messages whose sender is alphabetically starting before letter c and the size of the message is more than 5000 bytes
8. List different senders and receivers in the mail record