

Lab 4

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

Write SQL queries to answer the following questions based on the classSchedule database.

1. What is the smallest section number used in the first semester of 2008?
2. How many students are enrolled in section 2714 in the first semester of 2008?
3. List all students in alphabetical order by student_name.
4. List the students who are enrolled in each course in semester I,2008. Group the students by the sections in which they are enrolled.

Write SQL queries to answer the following questions based on the adultliteracy database.

1. How many tutors have a status of Temp Stop?
2. How many students were matched with someone in the first 5 months of the year?
3. Which student has the highest read score?

Write SQL questions to answer the following questions based on the stayHome database.

1. List all videos sorted in descending order of price.
2. List the total number of staff with a salary greater than \$4000 and the sum of their salaries.
3. For each branch office with more than one member of staff, find the number of staff working in each branch and the sum of their salaries.

Write SQL questions to answer the following questions based on the hotelBooking database.

1. List the names and addresses of all guests living in London, alphabetically ordered by name.

2. List all double or family rooms with a price below £40.00 per night, in ascending order of price.
3. How many hotels are there?
4. What is the average price of a room?
5. What is the total revenue per night from all double rooms?
6. How many different guests have made booking for August?

Write SQL questions to answer the following questions based on the BankAccount database.

1. What is the average balance for each type of account in the bank?
2. How many debit transactions have been made between Jan 2004 and March 2004?
3. List all the mails whose size is more than 100000 bytes, the results are sorted by the size of the mails.
4. List all tricia's mail records and sort her mails by host, and then by user within each host.