

TIM 50, BIS, Database-Homework 1:

Due Date:

Thursday, July 20.

Instructions:

Watch the video tutorial and the online tutorial on SQL (links provided on the class website). Log-in to the TIM 50 class database following the instructions on the course home page. This database contains data/information related to the **supply chain** for a technology company: customers, suppliers, parts, etc.

Using this database, please answer the following questions using the appropriate SQL statements. If you have problems, please visit TA Tianchi Zeng during his office hours (Thursday 8-11AM @ JB Eng, Room 224).

Questions: Each question is worth 10 points:

1. List the top 10 customers that placed the most orders (quantity)?
2. Who do you think are our most important customers (top 10)?
3. Which country is our biggest customer (by total \$ value of orders)?
4. Each order is made up of several parts, and each part is produced by different suppliers. Which supplier provides the most parts?
5. Who do you think are our most important suppliers (top 10)?
- 6 Which country is our biggest supplier by country over the past years. (Open question)

Submission Instructions:

1. For each question above:
 - a. State the question
 - b. List your SQL query (code) for all questions
 - c. Show your results
2. Submit the print-out of your results on Thursday, July 20