

CSE 111 – DATABASE SYSTEMS

Lab 4, September 20, 2012

In this Lab session you will write multiple SQL queries for the TPCB database. You will execute the queries for the data loaded in Lab 2 and check the results.

Write SQL statements for the following queries on the TPCB database:

1. For each customer in the database find out the total amount of money they spent on items.
2. Find out how many customers there are in each market segment.
3. Find out how many orders were made to each region of the world.
4. How many items with the name 'ivory khaki black plum medium' does each supplier have?
5. Find out number of orders that were made per customer in year 1992.
6. Find out how many items were produced by each manufacturer for each order priority (may take some time to compute).
7. Print amount of orders that were failed (F), ok (O) or pending (P) for each customer.
8. For all suppliers print number of orders that they completed since 1998.
9. For each clerk in the system find out the number of suppliers that he/she worked with.
10. Find the average discount for each type of items that has PROMO in their type name.
11. For each nation find out the supplier name with biggest account balance.

You are required to turn in the script with the SQL statements for all the queries and the result you obtained for each query on the TPCB database instance generated in Lab 2.