ADVANCE SQL QUERY QUESTIONS 1

(Questions taken from Database systems design, implementation & management 13th edition, Chapter 8 under Review Questions and Problem set)

1. Write the SQL code that will create only the table structure for a table named EMP_1. This table will be a subset of the EMPLOYEE table. The basic EMP_1 table structure is summarized in the following table. Use EMP_NUM as the primary key. Note that the JOB_CODE is the FK to JOB so be certain to enforce referential integrity. Your code should also prevent null entries in EMP_LNAME and EMP_FNAME.

2. Having created the table structure in Problem 1, write the SQL code to enter the first two rows for the table shown in Figure P8.2. Each row should be inserted individually, without using a subquery. Insert the rows in the order that they are listed in the figure.

3. Write the SQL code to change the job code to 501 for the person whose employee number (EMP_NUM) is 107.

4. Write the SQL code to delete the row for William Smithfield, who was hired on June 22, 2004, and whose job code is 500. (*Hint:* Use logical operators to include all of the information given in this problem. Remember, if you are using MySQL, you will have to first disable "safe mode.")

5. Modify the CUSTOMER table to include the customer's date of birth (CUST_DOB), which should store date data.

6. Modify customer 1000 to indicate the date of birth on March 15, 1989.

7. Modify customer 1001 to indicate the date of birth on December 22, 1988.