CIS/CSC384

HomeWork 1: Due Jan 21, 2010 before class
You will turn in a hard copy to the instructor before class

1. Write SQL DDL (Data Definition Language) statements to create a table called GameScore with attributes playerNumber of type integer, and score of type integer. [2]

Now import the data given into your table.

For each of the questions 2 - 5, you must show three things: (a) the result of the query; (b) the time it took to execute the query (in milliseconds, use SET TIMING ON), and (c) the execution plan (if using SQLPLUS, use SET AUTOTRACE TRACE EXPLAIN). [8]

2. SELECT COUNT(playerNumber) FROM GameScore;

3. SELECT COUNT(T1.playerNumber) FROM GameScore T1, GameScore T2 WHERE T1.playerNumber = T2.playerNumber;

4. SELECT COUNT(playerNumber) FROM (SELECT playerNumber, MIN(score) FROM GameScore GROUP BY playerNumber);

5. UPDATE GameScore SET score=score - 1;