

CSC4341 Principles of Database Systems

Homework 6

SQL Query Part I:

MySQL Built-in Functions

1. Use MySQL built-in functions to find out: username, database name, current date and time.
2. Use MySQL built-in functions to convert decimal 34 to binary number.
3. Use MySQL built-in functions to calculate 2 raised to power of 4.
4. Use MySQL built-in functions to find out the last auto-increment sequence number.

MySQL Built-in Functions

1. Read Chapter 7 (7.1 and 7.4) and study the example SQL queries in Chapter 8 (Section 8.6). Write database queries on the MySQL database to answer Questions are 7.13-16, 7.18-24, 7.26-30.

Before writing queries, double-check your tables s, p, j and spj have the same data records as given in the textbook. Submit the printouts of your queries and the corresponding results returned from the MySQL database to the Blackboard.