Database Questions

Idea here is that to make sure we all have the same questions

# Lab 1

1. **What are the MySQL installation paths for the server and data ?**
2. **Describe why there are 2 client utilities?**
3. **SQL for finding countries in the world**

**How many countries in the "world" database**

1. **What commands did you use to display the current Processlist**
2. **What commands did you use to display the first 3 columns of User**

# **Are all Mysql log visible in the MySQL Workbench utility ?**

1. **What is the MySql data dictionary made of how can it be processed ?**
2. **What is MySQL My.ini file ?**
3. **Why are some MySql files hidden ?**
4. **How did you display the hidden files ?**
5. **Why do we use roles in database management ?**
6. **What are the difference between the different server types ?**
7. **What the different log types and what are they ?**
8. **Why are roles used in security/user management?**
9. **What is the default character set of the .ini file?**
10. **Difference between setup types -**

* **Development Machine**
* **Server Machine**
* **Dedicated Machine**

# Lab 2

**What command can you use to create a database in Ingres**

**Compare Ingres and SQl**

4 configuration types to choose from (Ingres)**:**

* **Transactional System**
* **Business Intelligence System**
* **Content Management System**
* **Tradition Ingres System**

**The transactional log file size?**

**Create the Student table command?**

# Lab 3

What is the SQL to create a table in Ingres and SQL

What is the command to create an index in Ingres and Sql

2 Values used course code + note id index used of Not.

CREATE A DATABASE CALLED COLLEGEDB

CREATE TABLE STUDENT

IMPORT . CSV FILE INTO THE TABLE

Explain that some DBMS products use some (product specific) exotic concepts:

# Lab 4

**What was the load statement used**

**Explan Mysql export issues**

**Mapping**

**Explain the difference between .sql vs csv**

# Lab 5, Week 4 Triggers ?

**Inserting**

**Trigger**

**Tables**

**Week 7 ( Lab 5)**

You'll need to find if MySQL uses an 'autocommit' setting and find what it defaults to ( and possibly change it).

Show Variables;

The default isolation level set is ? Repeatble-Read. What command did you use to find it Show variables like "tx-isolation'';

Section 1 : Example

READ UNCOMMITTED

READ COMMITTED

REPEATABLE READ

SERIALIZABLE

What code I used

Section 2

What Errors did you get ?