**COMP1111**

**Week 9 Lab**

**Hand in Text File Through Blackboard**

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**Create a text file to keep all of the commands you successfully used, as this is what you will be graded on. Name the file YOUR\_Name\_lab6.txt**

**Lab can be done with MySQL Workbench or the command line**

1. create a new database called **lab6**. **(Paste this command in text file. Mark: 1)**
2. Create a new table in your database describing something you are interested in
   1. The table should have a total of **4 columns**:
      * 1 primary key column which will **auto increment**
      * 2 strings of max size 40,
      * 1 Date field which is NOT NULL.
   2. Paste your ‘create table’ command into your text file. **(Marks: 10)**
   3. Add 10 records to your new table. Paste your insert command(s) into the text file. **(Marks: 5)**
   4. Display the contents of the table using SELECT, Sort by one of your string fields. **(Marks: 3)**
   5. Using a SELECT statement, use the count function. Have a where clause using a less than or greater than on your DATE column (4th column). **(Marks: 5)**
   6. Update Record (row) 3, change a string value to something new. **Reminder, it is best to use the primary key field when possible (Marks: 5)**
   7. Delete the **FIRST** record in the table. **Reminder, it is best to use the primary key field when possible (Marks: 4)**

**Once completed, you will save the text file as YOUR\_Name\_lab6.txt, close it, and submit it through Blackboard**