**MySQL Questions**

**UserId : sw800**

**Password: nielit**

**(All the tables you create should be prefixed with your userid. Eg: The ‘country’ table name should be ‘ai1country’)**

Questions

1. MySQL Commands to do from terminal
2. Write an SQL statement to create a table aiXcountry (Eg:aiXCountry) which includes columns country\_id, country\_name, currency and language
3. Insert data of a few countries including United Kingdom
4. Select the list of countries where the language used is English
5. Update the name of United Kingdom to U K.
6. Try deleting one of the entries by providing country\_id.
7. Write a query to list the country names in the alphabetic order
8. Write a query to group the countries based on their language and get the count of countries speaking each language.

2) Write an R program to execute the queries (b) (c) (d) & (e) from an R program

3) Write an R Program to insert the mtcars dataframe to a table in mysql.

(hint: dbWriteTable(mysqlconnection, "ai1mtcars", mtcars ))

From the newly created table

1. List the details of all Mercedes models
2. List all models having 8 cylinders
3. List all models having hp value greater than 100
4. Find out the count of vehicles having same number of cylinders.
5. Get the list of models disp value between 100 and 200

4) Write a program to load a database table you have created to an R dataframe.