**Project 2 – Reporting Requirements**

Please use the **TSQL2012** **Database** in the SQL Server Management Studio for this assignment. Write your queries in the studio to pull the necessary data. Open an excel workbook with 10 tabs or sheets. Each sheet should have the question, the query used to pull the data and the data or output the query generated. Please present as neat work as possible.

1. Create a report for all employees by specifying the **employee ID** and the **last name** of all the employees.

2. Generate an employee report specifying the **employee ID** and the **last**

**name** of all the employees. Please sort your data by the **employee**

**ID** in **ascending order**.

3. Create a report specifying the **country**, **hiredate,** and **count of all**

**employees** aliased as **numemployees** for **hiredate** greater **than or equal** to **‘20030101**’ and the **count of the employees greater than** **1**. Please **sort** your query by **country** and **hiredate**.

4. Please fix the query below by remembering or keeping in mind the

logical query processing: Please provide explanations of the problem

and why you fixed it the way you did.

a. Select shipperid, SUM(freight) AS totalfrieght

From Sales.Orders

Where freight > 20000.00

Group by shipperid;

b. Select shipperid, SUM(freight) AS totalfrieght

From Sales.Orders

Having SUM(freight) > 20000.00;

5. Create a report for **shippers** by specifying the **shipper ID, company name,** and **phone** of all the shippers.

6. Generate a report for **shippers** by specifying the **shipper ID**, **company name,** and **phone** of all shippers. **Alias** the **table** **S** and **reference the columns in your select statement**.

7. Generate an **employee report** showing the **employee ID**, **first name**, **last name**, **country**, **region,** and **city** of all the employees **who live in the ‘WA’ region**.

8. Create an **employee report** showing the **employee ID**, **first name**, **last name**, **country**, **region,** and **city** of all the employees **who do not live in the ‘WA’ region or region is null**.

9. Create an **orders report** showing the **order ID**, **order date**, **customer ID,** and **employee ID** for all **orders between ‘20080211’ and ‘20080213’**.

10. Generate a **report for employees** by specifying the **employee ID**, **first name**, **last name,** and the **city** of all the **employees who live in a city with ‘a’ in the spelling**.

**Note: This assignment is intended to build your understanding and effective SQL query writing skills. The questions are challenging but simple if you take your time to understand the requirements. I expect you to use the notes you made in class and the various resources available online to answer the questions.**

**Please take your time and get this as precise as possible as it will go toward your overall evaluation and recommendation. USE THE INTERNET AS MUCH AS POSSIBLE IF NEEDED.**

Good Luck!!!