**Correlated Queries**

**Practice lab**

**Understand the concept of correlated query. You have slides from class. You have access to the internet as well. Such as:** [**https://www.geeksforgeeks.org/sql-correlated-subqueries/**](https://www.geeksforgeeks.org/sql-correlated-subqueries/)

**Task 1:**

Write a query that displays every album title with total count of its tracks in descending order.

**[347 Rows]**

**Task 2:**

Write a query that display name of every track with min, max, average and total quantity ordered for all tracks**.**

**[1000 Rows]**

**Task 3:**

Write a query that display name of all those customers whose invoice date is in year 2013. **(Use EXISTS operator)**

**[46 rows]**

**Task 4:**

Write a query that display name of those employees whose at least one customer lives in ‘brazil’ **(Use ANY Operator)**

**[3 Rows]**

**Task 5:**

Dipslay firstname, lastname and birthdate of employee who born first**.**

**[1 Row]**

**Task 6:**

Write a correlated subquery to Display InvoiceLine Id whose Unitprices are greater than the average Unit price of all Invoices in each InvoiceLine. **[111 Rows]**

**Task 7:**

Write a correlated to display Invoice Id, Billing city billing state and total sales in descending order. **[412 Rows]**

**Hint: One Sale= unitprice\* quantity**

**Task 8:**

Write a query to display the employee\_id, manager\_id, first\_name and last\_name of those employees who manage other employees. **[3 Rows]**

**Task 9:**

Write a correlated subquery display invoice information having latest date. **[1 Row]**