SQL LAB

TASK:
Practice writing SQL statements on the Northwind database.

SETUP:

- In pgAdmin, create a database called northwind.
- Open up a SQL window. Copy-paste and run this file... https://raw.githubusercontent.com/pthom/northwind_psql/master/northwind.sql

DETAILS:
Write SQL queries to do the following tasks. Record these queries in a text document so you can repeat them in class.

1. Select all the records from the "Customers" table.
2. Get distinct countries from the Customers table.
3. Get all the records from the table Customers where the Customer's ID starts with "BL".
4. Get the first 100 records of the orders table.
5. Get all customers that live in the postal codes 1010, 3012, 12209, and 05023.
6. Get all orders where the ShipRegion is not equal to NULL.
7. Get all customers ordered by the country, then by the city.
8. Add a new customer to the customers table. You can use whatever values/
9. Update all ShipRegion to the value 'EuroZone' in the Orders table, where the ShipCountry is equal to France.
10. Delete all orders from `order_details` that have a quantity of 1.
11. Calculate the average, max, and min of the quantity at the `order details` table.
12. Calculate the average, max, and min of the quantity at the `order details` table, grouped by the orderid.
13. Find the CustomerID that placed order 10290 (orders table)
14. Do an inner join, left join, right join on orders and customers tables. (These are three separate queries, one for each type of join.)
15. Use a join to get the ship city and ship country of all the orders which are associated with an employee who is in London.
16. Use a join to get the ship name of all orders that include a discontinued product. (See orders, order_details, and products. 1 means discontinued.)
17. Get first names of all employees who report to no one.

Get first names of all employees who report to Andrew.