SQL Queries

1 Find the number of orders sent by each shipper.

“select ship\_via as shipper\_id, count(\*) from orders group by ship\_via;”

2 Find the number of orders sent by each shipper, sent by each employee

3 Find name of employees who has registered more than 100 orders.

“select \* from (select employee\_id, count(\*) as orderCount from orders group by employee\_id) as newTable where orderCount > 100; ”

4 Find if the employees "Davolio" or "Fuller" have registered more than 25 orders.

“select count(\*), employees.last\_name from orders inner join employees on orders.employee\_id = employees.employee\_id where employees.last\_name in ('Davolio', ‘Fuller’) group by employees.employee\_id;

”

5 Find the customer\_id and name of customers who had placed orders more than one time and how many times they have placed the order

“select \* from (select customers.customer\_id, customers.company\_name, count(\*) as orderCount from orders inner join customers on orders.customer\_id = customers.customer\_id

group by customers.customer\_id) as newTable where orderCount > 1;”

6 Select all the orders where the employee’s city and orders ship city are same.

“select orders.order\_id, employees.first\_name, employees.last\_name, employees.city, orders.ship\_city from orders inner join employees on orders.employee\_id = employees.employee\_id where orders.ship\_city = employees.city;”

7 Create a report that shows the order ids and the associated employee names for orders that shipped

“select orders.order\_id, employees.first\_name, employees.last\_name from orders inner join employees on orders.employee\_id = employees.employee\_id;”

8 Create a report that shows the total quantity of products ordered fewer than 200.

“select \* from (select product\_id, count(product\_id) from

(select order\_details.order\_id, order\_details.product\_id from

orders inner join order\_details on orders.order\_id = order\_details.order\_id)

as newTable group by product\_id)

as newNewTable where count < 200;”

9 Create a report that shows the total number of orders by Customer since December 31, 1996 and the NumOfOrders is greater than 15.

“select \* from (select customers.customer\_id, customers.company\_name, count(customers.customer\_id) from orders inner join customers on orders.customer\_id = customers.customer\_id group by customers.customer\_id) as newTable where count > 15;”

10 Create a report that shows the company name, order id, and total price of all products of which Northwind has sold more than $10,000 worth.

“select \* from (

select customers.company\_name, orders.customer\_id, order\_details.order\_id, order\_details.unit\_price \* order\_details.quantity as total\_price from

orders inner join order\_details on orders.order\_id = order\_details.order\_id

inner join

tomers on orders.customer\_id = customers.customer\_id) as newTable where total\_price > 10000”

11 Create a report showing the Order ID, the name of the company that placed the order,

and the first and last name of the associated employee. Only show orders placed after January 1, 1998 hat shipped after they were required. Sort by Company Name.

“select order\_date, orders.order\_id, customers.company\_name, employees.first\_name, employees.last\_name from orders inner join customers on orders.customer\_id = customers.customer\_id inner join employees on orders.employee\_id = employees.employee\_id where orders.order\_date > '1998-01-01' order by customers.company\_name asc;”

12 Get the phone numbers of all shippers, customers, and suppliers.

“select customers.phone as customer\_Phones, suppliers.phone as supplier\_phones, shippers.phone as shipper\_phones from customers, suppliers, shippers;”

13 Create a report showing the contact name and phone numbers for all employees,customers, and suppliers.

“select employees.home\_phone as employee\_phone, employees.last\_name as employee\_name, customers.company\_name as customer\_name, customers.phone as customer\_phone, suppliers.company\_name as supplier\_name, suppliers.phone as supplier\_phone from employees, customers, suppliers;”

14 Fetch all the orders for a given customers phone number 030 0074321.

“select orders from orders inner join customers on orders.customer\_id = customers.customer\_id where customers.phone = '030 0074321';”

15 Fetch all the products which are available under Category Seafood.

“select products, categories.category\_name from products inner join categories on products.category\_id = categories.category\_id where categories.category\_name = 'Seafood';”

16 Fetch all the products which are supplied by a company called Pavlova, Ltd.

“select products, suppliers.company\_name from products inner join suppliers on products.supplier\_id = suppliers.supplier\_id where suppliers.company\_name = 'Pavlova, Ltd.';”

17 All orders placed by the customers belong to London city.

“select orders, customers.city from orders inner join customers on orders.customer\_id = customers.customer\_id where customers.city = 'London';”

18 All orders placed by the customers not belong to London city.

“select orders, customers.city from orders inner join customers on orders.customer\_id = customers.customer\_id where customers.city <> 'London';”

20 Find the name of the company that placed order 10290.

“select customers.company\_name from orders inner join customers on orders.customer\_id = customers.customer\_id where orders.order\_id = '10290';”

21 Find the Companies that placed orders in 1997

“select customers.company\_name, orders.order\_date from orders inner join customers on orders.customer\_id = customers.customer\_id where orders.order\_date between '1997-01-01' and '1997-12-31';”

22 Get the product name , count of orders processed

23 Get the top 3 products which has more orders

24 Get the list of employees who processed the order chai

25 Get the shipper company who processed the order categories Seafood.

26 Get category name , count of orders processed by the USA employees

27 Select CategoryName and Description from the Categories table sorted by CategoryName.

28 Select ContactName, CompanyName, ContactTitle, and Phone from the Customers table sorted byPhone.

29 Create a report showing employees' first and last names and hire dates sorted from newest to oldest employee.

30 Create a report showing Northwind's orders sorted by Freight from most expensive to cheapest. Show OrderID, OrderDate, ShippedDate, CustomerID, and Freight.

31 Select CompanyName, Fax, Phone, HomePage and Country from the Suppliers table sorted by Country in descending order and then by CompanyName in ascending order

32 Create a report showing all the company names and contact names of Northwind's customers in Buenos Aires.

33 Create a report showing the product name, unit price and quantity per unit of all products that are out of stock.

34 Create a report showing the order date, shipped date, customer id, and freight of all orders placed on May 19, 1997.

35 Create a report showing the first name, last name, and country of all employees not in the United States.

36 Create a report that shows the city, company name, and contact name of all customers who are in cities that begin with "A" or "B."

37 Create a report that shows all orders that have a freight cost of more than $500.00.

38 Create a report that shows the product name, units in stock, units on order, and reorder level of all

products that are up for reorder.

39 Create a report that shows the company name, contact name and fax number of all customers that have a fax number.

40 Create a report that shows the first and last name of all employees who do not report to anybody.

41 Create a report that shows the company name, contact name and fax number of all customers that have a fax number, Sort by company name.

42 Create a report that shows the city, company name, and contact name of all customers who are in cities that begin with "A" or "B." Sort by contact name in descending order.

43 Create a report that shows the first and last names and birth date of all employees born in the 1950s

44 Create a report that shows the shipping postal code, order id, and order date for all orders with a ship postal code beginning with "02389".

45 Create a report that shows the contact name and title and the company name for all customers whose contact title does not contain the word "Sales".

46 Create a report that shows the first and last names and cities of employees from cities other than Seattle in the state of Washington.