1. Retrieve the list of all employees’ first names.

SELECT firstName FROM employees;

2. Get only the "productName" column from the "products" table

SELECT productName FROM products;

3. Retrieve the "city" column from the "offices" table

SELECT city FROM offices;

4. Get only the "orderDate" column from the "orders" table

SELECT orderDate FROM orders;

5. Select the "productLine" column from the "productlines" table

SELECT productLine FROM productlines;

6. Retrieve the "customerName" and "contactFirstName" columns from the "customers"

table

SELECT customerName,customerName FROM customers;

7. Get the "productName" and "buyPrice" columns from the "products" table

SELECT productName, buyPrice FROM products;

8. Select the "firstName" and "lastName" columns from the "employees" table

SELECT firstName,lastName FROM employees;

9. Retrieve the "city" and "country" columns from the "offices" table

SELECT city,country FROM offices;

10. Get the "orderNumber" and "orderDate" columns from the "orders" table

SELECT orderNumber,orderDate FROM orders;

11. Retrieve the "customerName," "contactFirstName," and "contactLastName" columns

from the "customers" table

SELECT customerName,contactFirstName,contactLastName FROM customers;

12. Get the "productCode," "productName," and "buyPrice" columns from the "products"

table

SELECT productCode,productName,buyPrice FROM products;

13. Select the "employeeNumber," "firstName," and "lastName" columns from the

"employees" table

SELECT employeeNumber,firstName,lastName FROM employees;

14. Retrieve the "officeCode," "city," and "country" columns from the "offices" table

SELECT officeCode,city,country FROM offices;

15. Get the "orderNumber," "orderDate," and "status" columns from the "orders" table

SELECT orderNumber,orderDate,status FROM orders;

16. Retrieve the list of all employees’ first & last name.

SELECT firstName,lastName FROM employees;

17. Retrieve all columns from the "customers" table

```
SELECT * FROM customers;
```

18. Get all columns from the "products" table

```
SELECT * FROM products;
```

19. Select all columns from the "employees" table

```
SELECT * FROM employees;
```

20. Retrieve all columns from the "offices" table

```
SELECT * FROM offices;
```

21. Get all columns from the "orders" table

```
SELECT * FROM orders;
```

22. Retrieve the list of all employees’ last name , email & job title.

```
SELECT lastName,email,jobTitle FROM employees;
```

23. Retrieve all columns from the "customers" table and order the results by customer name

in ascending order

```
SELECT * FROM customers
ORDER BY customerName asc;
```

24. Get all columns from the "products" table and order the results by buy price in

descending order

```
SELECT * FROM products
ORDER BY buyPrice DESC;
```

25. Get a list of distinct offices by city

SELECT DISTINCT city  FROM offices;

26. List the distinct job titles of employees

SELECT DISTINCT jobTitle FROM employees;

27. Retrieve distinct countries where customers are located

SELECT DISTINCT country FROM customers;

28. Get a list of distinct order statuses

SELECT DISTINCT status FROM orders;

29. Retrieve all columns for all employees.

SELECT * FROM employees;

30. List all columns for employees, and sort the results by their last names in alphabetical

order

SELECT * FROM employees

ORDER BY lastName ASC;

31. Retrieve all columns for all customers

SELECT * FROM customers;

32. Retrieve the list of all customers' names.

SELECT customerName FROM customers;

33. Retrieve a list of all customers in alphabetical order by customer name.

SELECT * FROM customers

```
ORDER BY customerName ASC;
```

34. Retrieve the list of all customers' names and their country.

```
SELECT customerName,country FROM customers;
```

35. Retrieve the list of all customers and their contact details (name, phone, email).

```
SELECT contactLastName,contactFirstName,phone FROM customers;
```

36. Retrieve the names and credit limits of customers with a credit limit greater than $50,000.

```
SELECT customerName,creditLimit FROM customers
WHERE creditLimit>50000;
```

37. Get the product names and quantities ordered for products with a quantity ordered greater than 30.

```
SELECT productName,quantityInStock FROM products
WHERE quantityInStock>30;
```

38. Retrieve a list of customer details for customers who are located in France.

```
SELECT * FROM customers
WHERE country="France" ;
```

39. Retrieve office codes and city names from the "offices" table where the city name starts with the letter "L"

```
SELECT officeCode,city FROM offices
WHERE city like "l%";
```

40. Retrieve customer names and contact names from the "customers" table where the

contact last name starts with "D" and is followed by any characters

SELECT customerName,contactFirstName,contactLastName FROM customers

WHERE contactLastName LIKE"d%";

41. Get product names and product codes from the "products" table where the product code

starts with "S10_" and is followed by any characters

SELECT productName,productCode FROM products

WHERE productCode LIKE "S10_%";

42. Retrieve office codes and postal codes from the "offices" table where the postal code

contains the pattern "9XXX" (( X can be replaced with any digit ))

SELECT officeCode,postalCode FROM offices

WHERE postalCode LIKE"9%";

43. Get order numbers and order dates from the "orders" table where the order date is in the

year 2004

SELECT orderNumber,orderDate FROM orders

WHERE orderDate LIKE"2004%";

44. Select employee names and email addresses from the "employees" table where the

employees’ first name doesnt start with “N” letter.

SELECT firstName,lastName,email FROM employees

WHERE firstName NOT LIKE "n%";

45. Retrieve office codes and cities from the "offices" table where the city name ends with "o"

```
SELECT officeCode,city FROM offices
WHERE city like "%o";
```

46. Retrieve details about the last 5 products that were ordered from “orders”.

```
SELECT * FROM orders
ORDER BY orderDate DESC
LIMIT 5;
```

47. List the products that have a price greater than $50

```
SELECT * FROM products
WHERE buyPrice>50;
```

48. Get all columns for products, and sort the results by product code in descending order

```
SELECT * FROM products
ORDER BY productCode DESC;
```

49. Retrieve all columns for orders and order the results by order date in ascending order

```
SELECT * FROM orders
ORDER BY orderDate ASC;
```

50. List the products in descending order of their buy price.

```
SELECT * FROM products
ORDER BY buyPrice DESC;
```

51. Retrieve the order numbers and order dates for all orders, sorted by order date in ascending order.

```
SELECT orderNumber,orderDate FROM orders
ORDER BY orderDate ASC;
```

52.List the offices in descending order of their city.

```
SELECT * FROM offices
ORDER BY city DESC;
```

53.Get the office codes and postal codes for offices located in state of CA ( California ).

```
SELECT officeCode,postalCode FROM offices
WHERE state LIKE "ca";
```

54.Retrieve the order numbers and order dates for orders placed before January 1,2005

```
SELECT orderNumber,orderDate FROM orders
WHERE orderDate < "2005-01-01";
```

55.Retrieve the names and phone numbers of customers from the USA.

```
SELECT customerName,phone FROM customers
WHERE country LIKE "usa";
```

56.Get order numbers and order dates from the "orders" table where the order date is in the year 2005 and the status is "Shipped"

```
SELECT orderNumber, orderDate FROM orders
WHERE orderDate LIKE"2005%" AND status = 'Shipped';
```

57.Retrieve the product line IDs and text descriptions for product lines that have a

text description containing "Unique."

```
SELECT productLine,productDescription FROM products
WHERE productDescription LIKE '%Unique.%';
```

58.Retrieve the names and phone numbers of customers from the USA or France

```
SELECT customerName,phone FROM customers
WHERE country IN ('USA', 'France');
```

59.Get the product names and buy prices for products with a buy price between $50 and $100

```
SELECT productName,buyPrice FROM products
WHERE buyPrice BETWEEN 50 AND 100;
```

60.Retrieve the order numbers and order dates for orders placed before January 1, 2005, or after December 31, 2007

```
SELECT orderNumber,orderDate FROM orders
WHERE orderDate < '2005-01-01' OR orderDate > '2007-12-31';
```

61.Get the office codes and postal codes for offices located in California ( CA ) or New York ( NY )

```
SELECT officeCode,postalCode FROM offices
WHERE state="ca" OR state="ny";
```

62.Retrieve the product names and buy prices for products with a buy price between $20 and $50, and the product name contains "Car."

```
SELECT productName,buyPrice FROM products
WHERE buyPrice BETWEEN 20 AND 50    AND productLine like "%car%";
```

63. List the customer names, phone numbers, and credit limits for customers from France, USA, or Germany with a credit limit greater than $50,000.

```
SELECT customerName,phone,creditLimit FROM customers
WHERE country IN ('USA', 'France', 'Germany') AND creditLimit>50000;
```

64.Retrieve the customer names and credit limits for customers whose credit limit is either less than $10,000 or greater than $100,000.

```
SELECT customerName,creditLimit FROM customers
WHERE creditLimit < 10000 OR creditLimit > 100000;
```

65.Get the product names and buy prices for products with a buy price less than $30 or a product name containing "Motorcycle.

```
SELECT productName,buyPrice FROM products
WHERE buyPrice<30 OR productLine like "%Motorcycles%";;
```

66.Retrieve distinct product codes

```
SELECT distinct productCode FROM products;
```

67.Retrieve customers with a NULL value in the credit limit column

```
SELECT * FROM customers
WHERE creditLimit IS NULL;
```

68.Get product codes and product names for products with a NULL value in the product scale column

```
SELECT productCode,productName FROM products
WHERE productScale IS NULL;
```

69.List order numbers and comments for orders with NULL comments

```
SELECT orderNumber,comments FROM orders
WHERE comments IS NULL;
```

70.Retrieve the first 5 customers ( customer name , contact last & first name ) from the "customers" table

```
SELECT customerName,contactLastName,contactFirstName FROM customers
LIMIT 5;
```

71.Retrieve a list of customers and provide an alias for the customer name column:

```
SELECT customerName AS "alias "
FROM customers;
```

72.List product names and their corresponding buy prices with aliases

```
SELECT productName AS "productName2", buyPrice AS "buyPrice2"
FROM products;
```

73.Retrieve order details, including order numbers and product codes, and provide aliases for these columns

```
SELECT orderNumber AS 'orderNumber2' FROM orders;
```

74.Get the names of product lines and provide an alias for the product line column

```
SELECT productName AS 'productName2' FROM products;
```

75.Get a list of employees with their full names and provide aliases for the first and last name columns

```
SELECT firstName AS 'firstName2',lastName AS 'lastName2' FROM employees;
```

76.Retrieve a list of customers and order them by customer name in ascending order, limiting the results to the first 10 customers

```
SELECT * FROM customers
ORDER BY customerName ASC
LIMIT 10;
```

77.Get a list of products ordered by their buy price in descending order, limiting the results to the first 5 products

```
SELECT * FROM products
ORDER BY buyPrice DESC
LIMIT 5;
```

78.List the order numbers and order dates for all orders, sorted by order date in ascending order, and limit the results to the first 20 orders

```
SELECT orderNumber,orderDate FROM orders
ORDER BY orderDate DESC
LIMIT 20;
```

79.Get the office codes and cities for offices in alphabetical order of city names, and limit the results to the first 3 offices

```
SELECT officeCode,city FROM offices
ORDER BY city
LIMIT 3;
```

80.Get the product codes and product names for products ordered by product name in ascending order, and limit the results to the first 12 products

```
SELECT productCode,productName FROM products
```

```
ORDER BY productName ASC
LIMIT 12;
```

81.Get order numbers and order dates for orders in descending order of order date, and limit the results to the first 7 orders

```
SELECT orderNumber,orderDate FROM orders
ORDER BY orderDate DESC LIMIT 7;
```

82.find employees whose first names start with the letter T , end with the letter m, and contain any single character between

```
SELECT firstName FROM employees
WHERE firstName LIKE 't%m';
```

83.search for employees whose last names don’t start with the letter B

```
SELECT lastname  FROM employees
WHERE lastname  NOT LIKE 'B%';
```

84.find products whose product codes contain the string “_20”

```
SELECT * FROM products
WHERE productCode LIKE '%_20%';
```

85.Retrieve customer names and contact names from the "customers" table where the contact last name is not NULL

```
SELECT customerName, contactLastName, contactFirstName
FROM customers
WHERE contactLastName IS NOT NULL;
```

86. Get product names and product codes from the "products" table where the

product code is not NULL

```
SELECT productName,productCode FROM products
WHERE productCode IS NOT NULL;
```

87.Select employee names from the "employees" table as “employee name “ where the extension is not NULL

```
SELECT firstName AS "employee name"
FROM employees
WHERE extension IS NOT NULL;
```

88.Retrieve office codes and postal codes from the "offices" table where the postal code is not NULL

```
SELECT officeCode,postalCode FROM offices
WHERE postalCode IS NOT NULL;
```

89.Retrieve the total quantity ordered across all orders

```
SELECT count(orderNumber) from orders;
```

90.Get the total payment amount across all payments

```
SELECT sum(amount) FROM payments;
```

91.Select the total sales across all employees

```
SELECT count(employeeNumber) ROM employees;
```

92.Get the average credit limit across all customers

```
SELECT AVG(creditLimit) FROM customers;
```

93.Select the average budget across all offices

```
SELECT AVG (officeCode)
FROM offices;
```

94.Display Total Quantity Ordered and Average Quantity Ordered for All Orders

```
SELECT SUM(orderNumber),AVG(orderNumber)
FROM orders;
```

95.Display Total Payment Amount and Average Payment Amount for All Customers

```
SELECT SUM(amount) ,AVG(amount)
FROM payments;
```

96.Display Total Sales and Average Sales for All Employees

```
SELECT SUM(sales) ,AVG(sales)
FROM employee;
```

97.Display the Total Buy Price and Average Buy Price for All Products

```
SELECT SUM(buyPrice) ,AVG (buyPrice)
FROM products;
```

98.Display the Total Credit Limit and Average Credit Limit for All Customers

```
SELECT SUM(creditLimit) ,AVG (creditLimit)
FROM customers;
```

99.Display the Total Budget and Average Budget for All Offices

```
SELECT SUM(Budget) ,AVG(Budget)
FROM Offices;
```

100. Retrieve office codes and cities for the offices 1,2,4

```
SELECT officeCode, city
FROM offices
WHERE officeCode IN (1, 2, 4);
```