1. The first name, last name and birth date of all of the employees whose first name starts with 'N'.

Sol: SELECT firstName,LastName,BirthDate FROM Employees

WHERE firstName LIKE 'N%';

2. The first name, last name and birth date of all the employees whose first name starts with 'N' and whose last name starts with 'D' and ends with 'O'.

Sol: SELECT firstName,LastName,BirthDate FROM Employees

WHERE firstName LIKE 'N%' AND LastName LIKE 'D%O';

3. The first name, last name and birth date of all the employees whose first name doesn't start with 'N' and whose last name starts with 'D' or ends with 'O'.

Sol: SELECT firstName,LastName,BirthDate FROM Employees

WHERE firstName NOT LIKE 'N%' AND (LastName LIKE'%O' OR LastName LIKE 'D%');

4. The first name, last name and birth date of all the employees whose first name has four letters and whose last name starts with 'D' or ends with 'O'.

Sol: SELECT firstName,LastName,BirthDate FROM Employees

WHERE firstName LIKE '_____' AND (LastName LIKE'%O' OR LastName LIKE 'D%');

5. The first name, last name and birth date of all the employees whose first name has at least four letters and whose last name starts with 'D' or ends with 'O'.

Sol: SELECT firstName,LastName,BirthDate FROM Employees

WHERE firstName LIKE '_____%' AND LastName LIKE'%O' OR LastName LIKE 'D%' ;

6. The names and countries of all the customers who are from Australia, Argentina, Bolivia, Canada, or France. Do not use the OR operator.

Sol: SELECT CustomerName,Country FROM Customers

WHERE Country IN ('Australia','Argentina','Bolivia','Canada','France');

7. The names and countries of all the customers who are not from Australia, Argentina, Bolivia, Canada, or France. Do not use the OR operator.

Sol: SELECT CustomerName,Country FROM Customers

WHERE Country NOT IN ('Australia','Argentina','Bolivia','Canada','France');

 8. The names of all the suppliers that supply a product.

Sol: SELECT SupplierName FROM Suppliers

WHERE SupplierID IN (SELECT SupplierID FROM Products);

9. The names of all the suppliers that supply a product and whose name starts with 'E' or 'M'.

Sol: SELECT SupplierName FROM Suppliers

WHERE SupplierID IN (SELECT SupplierID FROM Products WHERE SupplierName LIKE 'E%' OR SupplierName LIKE 'M%') ;

10. The names of all the suppliers that supply a product and whose name starts with 'E' or 'M', ordered by supplier name.

Sol: SELECT SupplierName FROM Suppliers

WHERE SupplierID IN (SELECT SupplierID FROM Products WHERE SupplierName LIKE 'E%' OR SupplierName LIKE 'M%')

GROUP BY SupplierName;

 11. The number of employees. In the result set, the column has to be called 'Number_of_employees'.

Sol: SELECT COUNT(EmployeeID) AS Number_Of_Employees FROM Employees ;

 12. The addition of all the prices of all of the products whose names do not start with 'To', shortened to 2 decimals. In the result set, the column has to be called 'All_prices'.

Sol: SELECT ROUND(SUM(Price),2) AS ALL_Prices FROM Products

WHERE ProductName NOT LIKE 'To%';

 13. The average price of all of the products whose names start with 'C', shortened to 2 decimals. In the result set, the column has to be called 'Average_price'.

Sol: SELECT ROUND(AVG(Price),2) AS Average_Price FROM Products

WHERE ProductName LIKE 'C%';

14. The employees' ids and number of orders for each employee.

Sol: SELECT EmployeeID,COUNT(OrderID) AS Number_Of_Orders FROM Orders

GROUP BY EmployeeID;

15. The employees' ids and number of orders for each employee that takes care of more than fifteen orders.

Sol: SELECT EmployeeID,COUNT(OrderID) AS Number_Of_Orders FROM Orders

GROUP BY EmployeeID HAVING COUNT(OrderID)>15;

 16. The names of all the suppliers that supply any product which is priced at more than 120

Sol: SELECT SupplierName FROM Suppliers

WHERE SupplierID

IN (SELECT SupplierID FROM Products WHERE Price>120)

;