

1)

```
SELECT *  
FROM customers AS C  
INNER JOIN orders AS O ON O.CustomerID = C.CustomerID;
```

2)

```
SELECT ProductName, QuantityPerUnit  
FROM products  
WHERE UnitsInStock > 20;
```

3)

```
SELECT CustomerID, ContactName  
FROM customers  
ORDER BY Country DESC;
```

4)

```
SELECT ContactName, CompanyName, OrderID  
FROM orders  
INNER JOIN customers ON orders.CustomerID = customers.CustomerID  
WHERE OrderDate = "1995-09-01";
```

5)

```
SELECT OrderID, ContactName, City  
FROM orders  
INNER JOIN customers ON orders.CustomerID = customers.CustomerID  
WHERE EmployeeID BETWEEN 2 AND 6;
```

6)

```
SELECT OrderID, OrderDate, customers.PostalCode AS PostalCode, ContactName,  
concat(FirstName , ' ' , LastName) AS NameEmployee, Photo
```

FROM orders

INNER JOIN employees ON orders.EmployeeID = employees.EmployeeID

INNER JOIN customers ON orders.CustomerID = customers.CustomerID;

7)

SELECT customers.CustomerID AS CustomerID, OrderID

FROM customers

LEFT JOIN orders ON customers.CustomerID = orders.CustomerID

ORDER BY customers.ContactName;

8)

SELECT COUNT(DISTINCT OrderID) AS total\_num\_orders

FROM orders;

9)

SELECT distinct ProductID, count(ProductID)

FROM orderdetails

GROUP BY ProductID;

10)

SELECT od.ProductID, tmp.ProductName, COUNT(od.ProductID) AS cnt

FROM orderdetails AS od

INNER JOIN (

SELECT ProductID, ProductName FROM products) AS tmp ON od.ProductID = tmp.ProductID

GROUP BY od.ProductID

HAVING cnt >= 6

ORDER BY cnt DESC;

11)

SELECT ContactName, COUNT(OrderID) AS orders\_count

```
FROM customers AS C
INNER JOIN orders AS O ON C.CustomerID = O.CustomerID
GROUP BY ContactName
ORDER BY orders_count DESC;
```

12)

```
SELECT *
FROM customers
WHERE PostalCode IN (SELECT PostalCode
                     FROM customers
                     GROUP BY PostalCode
                     HAVING COUNT(*) > 1)
ORDER BY Country ASC;
```

13)

```
SELECT ContactName, Country
FROM customers AS C
WHERE Country NOT IN (SELECT Country FROM suppliers);
```

14)

```
SELECT ContactName, COUNT(OrderID) AS Order_number
FROM customers AS C
INNER JOIN orders AS O ON C.CustomerID = O.CustomerID
WHERE OrderDate BETWEEN '1994-01-01' AND '1994-12-31'
GROUP BY C.CustomerID
ORDER BY Order_number DESC;
```

15)

```
SELECT O.EmployeeID, E.FirstName, COUNT(OrderID) AS Order_Quantity
FROM orders AS O
```

```
INNER JOIN employees AS E ON O.EmployeeID = E.EmployeeID  
GROUP BY O.EmployeeID  
ORDER BY Order_Quantity DESC;
```