1. Identify the top 10 most popular products among customers.  
     
   SELECT products.productName, COUNT(orderdetails.productCode) AS total\_orders

FROM orderdetails

JOIN products ON orderdetails.productCode = products.productCode

GROUP BY products.productName

ORDER BY total\_orders DESC

LIMIT 10;

1. Find out which employees are responsible for the top 10 highest number of sales.  
     
   SELECT employees.firstName, employees.lastName, COUNT(orders.orderNumber) AS total\_orders

FROM employees

JOIN customers ON employees.employeeNumber = customers.salesRepEmployeeNumber

JOIN orders ON customers.customerNumber = orders.customerNumber

GROUP BY employees.firstName, employees.lastName

ORDER BY total\_orders DESC

LIMIT 10;

#### 

1. **Calculate the total sales per product line**:  
     
   SELECT productLine, SUM(orderdetails.quantityOrdered \* orderdetails.priceEach) AS total\_sales

FROM products

JOIN orderdetails ON products.productCode = orderdetails.productCode

GROUP BY productLine;

1. **Determine the number of orders placed per month**:  
   SELECT DATE\_FORMAT(orderDate, '%Y-%m') AS order\_month, COUNT(orderNumber) AS total\_orders

FROM orders

GROUP BY order\_month

ORDER BY order\_month;

1. **Extract the domain from employees email addresses**:  
     
   SELECT firstName, SUBSTRING\_INDEX(email, '@', -1) AS domain

FROM employees;

1. **Determine the highest and lowest price for products in each product line**:  
     
   SELECT productLine, MAX(buyPrice) AS highest\_price, MIN(buyPrice) AS lowest\_price

FROM products

GROUP BY productLine;