**MySQL task**

.

1. [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) orderNumber , orderDate , customerNumber FROM `orders` WHERE orderDate < '2003-01-30' ORDER BY `customerNumber` ASC
2. [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) orderNumber,STATUS, comments FROM `orders` WHERE comments [Is](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/comparison-operators.html#operator_is) [not](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) null [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) status="Cancelled"
3. [INSERT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/insert.html) INTO orders [VALUES](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_values)(20100, '2003-01,30','2003-01,30', '2003-01,30', "shipped", "this spisial order ", 363)
4. [UPDATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/update.html) orders [SET](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/set.html) status=" Resolved " WHERE STATUS="Cancelled"
5. DELETE FROM orders WHERE customerNumber in('112', '114', '141')
6. SELECT customerName , creditLimit , country FROM `customers` WHERE country='USA' ORDER BY creditLimit DESC LIMIT 10

1. [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) [AVG](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/group-by-functions.html#function_avg)(quantityOrdered) FROM `orderdetails`
2. SELECT orderNumber, AVG(quantityOrdered) FROM `orderdetails` GROUP BY orderNumber
3. [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) orderNumber,customerNumber FROM `orders` where customerNumber =([SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) customerNumber FROM `orders` GROUP BY customerNumber ORDER BY [count](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/group-by-functions.html#function_count)(orderNumber) DESC LIMIT 1)
4. [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) orders.orderNumber , orders.orderDate ,orderdetails.quantityOrdered, orderdetails.productCode , orders.customerNumber FROM `orders`, `orderdetails` where orders.orderNumber =orderdetails.orderNumber [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) orders.customerNumber='128'
5. [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) customers.customerName , [SUM](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/group-by-functions.html#function_sum)(orderdetails.priceEach\* orderdetails.quantityOrdered) total FROM `orders`, customers , orderdetails WHERE customers.customerNumber=orders.customerNumber [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) orders.orderNumber=orderdetails.orderNumber GROUP BY orders.customerNumber
6. [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) customers.customerName ,orders.orderNumber, orders.orderDate, orderdetails.productCode FROM `orders`, customers , orderdetails WHERE customers.customerNumber=orders.customerNumber [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) orders.orderNumber=orderdetails.orderNumber [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) substring(orderdetails.productCode,1,3)='S18'
7. [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) customerNumber, customerName , city , creditLimit FROM `customers` WHERE city='NYC' ORDER BY creditLimit DESC LIMIT 2,1

**OR**  SELECT customerNumber, customerName , city , creditLimit FROM `customers` WHERE city='NYC' ORDER BY creditLimit DESC LIMIT 1

OFFSET 2

1. SELECT customerNumber, customerName , city , creditLimit FROM `customers` WHERE city='NYC' ORDER BY creditLimit LIMIT 2,1
2. [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) emp.`employeeNumber`,emp.`firstName`,emp.`lastName` ,mng.firstName mangerfName, mng.lastName mangerLastName ,emp.`jobTitle` , emp.reportsTo FROM `employees` as emp , employees as mng WHERE emp.jobTitle='Sales Rep ' [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) emp.reportsTo=mng.employeeNumber
3. SELECT emp.`employeeNumber`,emp.`firstName`,emp.`lastName` ,mng.firstName mangerfName, mng.lastName mangerLastName ,emp.`jobTitle` , emp.reportsTo FROM `employees` as emp , employees as mng WHERE emp.jobTitle='Sales Rep ' and emp.reportsTo=mng.employeeNumber and mng.firstName=emp.`firstName`

<https://docs.google.com/document/d/1Hm9Qwqjs4MObQC2mXFG3qwTQjzaHamkuBvSgNmvDlMI/edit?fbclid=IwAR3PZ4_EIBUVWftZPZxS9yxGmnzeW2YXX-63FICeNkgfwrXLhfE7WWOVYWo>