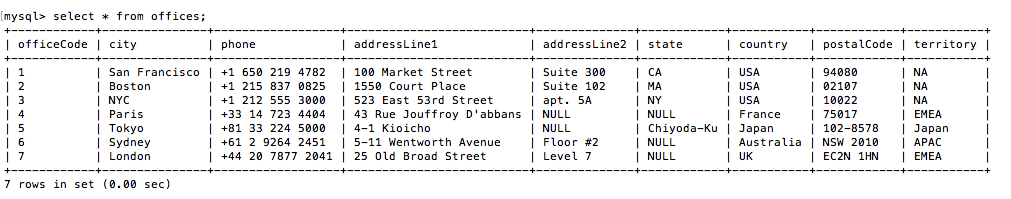
James Gallmeister

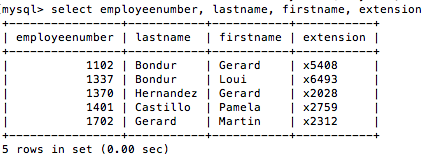
Database and Information Systems

Project 1 Answers

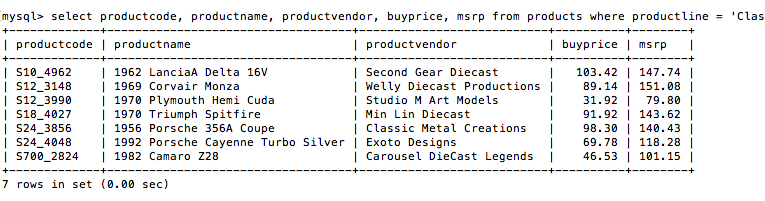
1. select \* from offices;



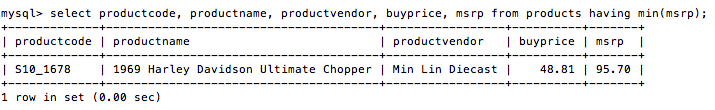
1. select employeenumber, lastname, firstname, extension from employees e, offices o where o.officecode = e.officecode and o.city = ‘Paris’;



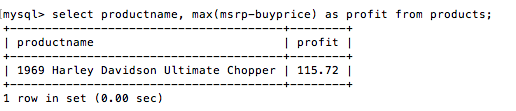
1. select productcode, productname, productvendor, buyprice, msrp from products where productline = ‘Classic Cars’ and quantityinstock between 5000 and 7000;



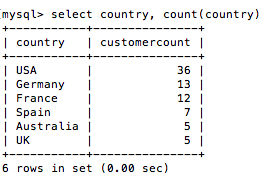
1. select productcode, productname, productvendor, buyprice, msrp from products having min(msrp);



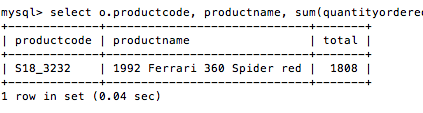
1. select productname, max(msrp-buyprice) as profit from products;



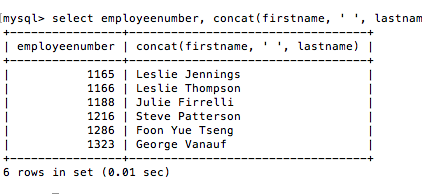
1. select country, count(country) as customercount from customers group by country having customercount >= 5 order by customercount desc;



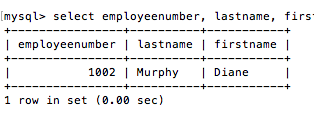
1. select o.productcode, productname, sum(quantityordered) total from products p, orderdetails o where o.productcode = p.productcode group by productcode order by total desc limit 1;



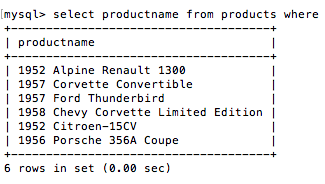
1. select employeenumber, concat(firstname, ‘ ‘, lastname) from employees where reportsto in (select employeenumber from employees where firstname = ‘Anthony’ and lastname = ‘Bow’);



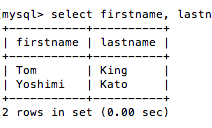
1. select employeenumber, lastname, firstname from employees where reportsto is NULL;



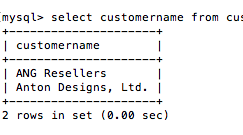
1. select productname from products where productline = ‘Classic Cars’ and productname like ‘195%’;



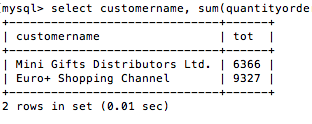
1. DO LATER
2. Select firstname, lastname from employees e left join customers c on e.employeenumber = c.salesrepemployeenumber where jobtitle = ’Sales Rep’ and c.salesrepemployeenumber is NULL;



1. Select customername from customers c left join orders o on c.customernumber = o.customernumber where country = ‘Spain’ and o.customernumber is NULL;



1. Select customername, sum(quantityordered) as tot from customers c, orderdetails od, orders o where c.customernumber = o.customnumber and o.ordernumber = od.ordernumber group by customername having tot > 2000;



1. create table TopCustomers(customernumber int not null, contactdate date not null, ordertotal decimal(9,2) not null, constraint TopCustomer\_PK primary key(customernumber));