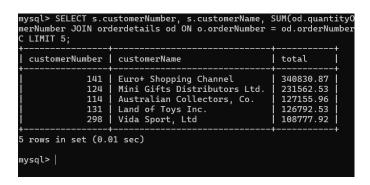
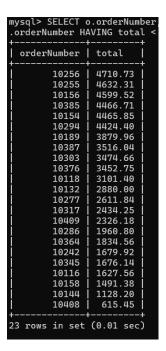
Assignment SQL

1.รายชื่อลูกค้าพร้อมยอดสั่งซื้อ ที่มียอดสั่งซื้อ 5 อันดับแรก ในปี 2004



Query: SELECT s.customerNumber, s.customerName, SUM(od.quantityOrdered * od.priceEach)
AS total FROM customers s JOIN orders o ON s.customerNumber = o.customerNumber JOIN
orderdetails od ON o.orderNumber = od.orderNumber WHERE YEAR(o.orderDate) = 2004 GROUP
BY s.customerNumber, s.customerName ORDER BY total DESC LIMIT 5;

2.ใบสั่งซื้อที่มียอดขายน้อยกว่า 5000 เรียงลำดับจากมากไปน้อย



Query: SELECT o.orderNumber, SUM(od.quantityOrdered * od.priceEach) AS total FROM orders o JOIN orderdetails od ON o.orderNumber = od.orderNumber GROUP BY o.orderNumber HAVING total < 5000 ORDER BY total DESC;

3. แสดงสินค้า จำนวนขึ้นที่ขายได้ ยอดขาย เรียงลำดับตามสินค้า

<pre>mysql> SELECT p.productName, SUM(od.quantity od ON p.productCode = od.productCode GROUP)</pre>		
productName	quantitySold	totalSales
18th century schooner 18th Century Vintage Horse Carriage	1011 907	112427.12 85328.57
1900s Vintage Bi-Plane 1900s Vintage Tri-Plane 1903 Ford Model A	940 1009 883	58434.07 68276.35 111528.82
1904 Buick Runabout 1911 Ford Town Car 1912 Ford Model T Delivery Wagon	990 832 991	77800.54 45306.77 77239.92
1913 Ford Model T Speedster 1917 Grand Touring Sedan	1038 918 992	97193.88 140535.60 87637.63
1917 Maxwell Touring Car 1926 Ford Fire Engine 1928 British Royal Navy Airplane	992 998 972	55835.30 94885.37
1928 Ford Phaeton Deluxe	972	60493.33

Query: SELECT p.productName, SUM(od.quantityOrdered) AS quantitySold,
SUM(od.quantityOrdered * od.priceEach) AS totalSales FROM products p JOIN orderdetails od ON
p.productCode = od.productCode GROUP BY p.productName ORDER BY p.productName ASC;

4.แสดงยอดสั่งซื้อจากผู้ขาย (vendor) ทั้งหมด

mysql> SELECT p.productVendor ROUP BY p.productVendor ORDEF	
productVendor	totalSales
Classic Metal Creations Unimax Art Galleries Gearbox Collectibles Second Gear Diecast Exoto Designs Welly Diecast Productions Autoart Studio Design Motor City Art Classics Min Lin Diecast Carousel DieCast Legends Highway 66 Mini Classics Red Start Diecast	934554.42 884167.33 828013.76 803892.06 793392.31 776165.33 736928.03 704806.89 680657.99 667190.00 664508.39 655487.61 474426.49

Query: SELECT p.productVendor, SUM(od.quantityOrdered * od.priceEach) AS totalSales FROM products p JOIN orderdetails od ON p.productCode = od.productCode GROUP BY p.productVendor ORDER BY totalSales DESC;

5.สินค้าที่ทำกำไรสูงสุด 3 อันดับแรก

uctCode GROUP BY p.productName	ORDER BY prof:
productName	profit
1992 Ferrari 360 Spider red 1952 Alpine Renault 1300 2001 Ferrari Enzo	135996.78 95282.58 93349.65
2 nows in set (0 01 sec)	++

Query: SELECT p.productName, SUM((od.priceEach - p.buyPrice) * od.quantityOrdered) AS profit FROM products p JOIN orderdetails od ON p.productCode = od.productCode GROUP BY p.productName ORDER BY profit DESC LIMIT 3;