1) List the Sum of the price of orders that are shipped between a period ?

select sum(priceEach) from OrderDetails Join (Orders) On (Orders.orderNumber= OrderDetails.orderNumber) where shippedDate between '2003-06-01' and '2004-06-31’;

+--------------------+

| sum(priceEach) |

+--------------------+

| 113005.44000000002 |

+--------------------+

1 row in set (0.04 sec)

2)List the Names with NonAlphanumeric Characters ;

SELECT \* FROM employees WHERE firstName NOT REGEXP '^[A-Za-z0-9]+$’;

+----------------+----------+-----------+-----------+-----------------------------+------------+-----------+-----------+

| employeeNumber | lastName | firstName | extension | email | officeCode | reportsTo | jobTitle |

+----------------+----------+-----------+-----------+-----------------------------+------------+-----------+-----------+

| 1286 | Tseng | Foon Yue | x2248 | ftseng@classicmodelcars.com | 3 | 1143 | Sales Rep |

+----------------+----------+-----------+-----------+-----------------------------+------------+-----------+-----------+

3)List the Names of the employees who reports directly to the President

select firstname,lastname from employees where reportsTo =  (select employeeNumber from employees where jobTitle = “President”);

+-----------+-----------+

| firstname | lastname |

+-----------+-----------+

| Mary | Patterson |

| Jeff | Firrelli |

+-----------+-----------+

2 rows in set (0.02 sec)

4)List the Country and customers in Each Country ?

select Country, count(customerNumber) from Customers group by Country ;

+--------------+-----------------------+

| Country | count(customerNumber) |

+--------------+-----------------------+

| Australia | 5 |

| Austria | 2 |

| Belgium | 2 |

| Canada | 3 |

| Denmark | 2 |

| Finland | 3 |

| France | 12 |

| Germany | 13 |

| Hong Kong | 1 |

| Ireland | 2 |

| Israel | 1 |

| Italy | 4 |

| Japan | 2 |

| Netherlands | 1 |

| New Zealand | 4 |

| Norway | 3 |

| Philippines | 1 |

| Poland | 1 |

| Portugal | 2 |

| Russia | 1 |

| Singapore | 3 |

| South Africa | 1 |

| Spain | 7 |

| Sweden | 2 |

| Switzerland | 3 |

| UK | 5 |

| USA | 36 |

+--------------+-----------------------+

5)List all the Products that are ordered on Tuesday

select distinct(productName) from Products JOIN (OrderDetails,Orders) ON (OrderDetails.productCode=Products.productCode and Orders.orderNumber = OrderDetails.orderNumber) where DAYNAME(orderDate) = "Tuesday";

productName |

+---------------------------------------------+

| 1969 Harley Davidson Ultimate Chopper |

| 1952 Alpine Renault 1300 |

| 1996 Moto Guzzi 1100i |

| 2003 Harley-Davidson Eagle Drag Bike |

| 1972 Alfa Romeo GTA |

| 1962 LanciaA Delta 16V |

| 1968 Ford Mustang |

| 2001 Ferrari Enzo |

| 1958 Setra Bus |

| 2002 Suzuki XREO |

| 1969 Corvair Monza |

| 1968 Dodge Charger |

| 1969 Ford Falcon |

| 1970 Plymouth Hemi Cuda |

| 1957 Chevy Pickup |

| 1969 Dodge Charger |

| 1940 Ford Pickup Truck |

| 1993 Mazda RX-7 |

| 1937 Lincoln Berline |

| 1936 Mercedes-Benz 500K Special Roadster |

| 1965 Aston Martin DB5 |

| 1980s Black Hawk Helicopter |

| 1917 Grand Touring Sedan |

| 1948 Porsche 356-A Roadster |

| 1995 Honda Civic |

| 1998 Chrysler Plymouth Prowler |

| 1911 Ford Town Car |

| 1964 Mercedes Tour Bus |

| 1932 Model A Ford J-Coupe |

| 1926 Ford Fire Engine |

| P-51-D Mustang |

| 1936 Harley Davidson El Knucklehead |

| 1928 Mercedes-Benz SSK |

| 1999 Indy 500 Monte Carlo SS |

| 1913 Ford Model T Speedster |

| 1934 Ford V8 Coupe |

| 1999 Yamaha Speed Boat |

| 18th Century Vintage Horse Carriage |

| 1903 Ford Model A |

| 1992 Ferrari 360 Spider red |

| Collectable Wooden Train |

| 1969 Dodge Super Bee |

| 1917 Maxwell Touring Car |

| 1976 Ford Gran Torino |

| 1948 Porsche Type 356 Roadster |

| 1957 Vespa GS150 |

| 1941 Chevrolet Special Deluxe Cabriolet |

| 1970 Triumph Spitfire |

| 1932 Alfa Romeo 8C2300 Spider Sport |

| 1904 Buick Runabout |

| 1940s Ford truck |

| 1939 Cadillac Limousine |

| 1957 Corvette Convertible |

| 1957 Ford Thunderbird |

| 1970 Chevy Chevelle SS 454 |

| 1970 Dodge Coronet |

| 1997 BMW R 1100 S |

| 1966 Shelby Cobra 427 S/C |

| 1928 British Royal Navy Airplane |

| 1939 Chevrolet Deluxe Coupe |

| 1960 BSA Gold Star DBD34 |

| 18th century schooner |

| 1938 Cadillac V-16 Presidential Limousine |

| 1962 Volkswagen Microbus |

| 1982 Ducati 900 Monster |

| 1949 Jaguar XK 120 |

| 1958 Chevy Corvette Limited Edition |

| 1900s Vintage Bi-Plane |

| 1952 Citroen-15CV |

| 1982 Lamborghini Diablo |

| 1912 Ford Model T Delivery Wagon |

| 1969 Chevrolet Camaro Z28 |

| 1971 Alpine Renault 1600s |

| 1937 Horch 930V Limousine |

| 2002 Chevy Corvette |

| 1940 Ford Delivery Sedan |

| 1956 Porsche 356A Coupe |

| Corsair F4U ( Bird Cage) |

| 1936 Mercedes Benz 500k Roadster |

| 1992 Porsche Cayenne Turbo Silver |

| 1936 Chrysler Airflow |

| 1900s Vintage Tri-Plane |

| 1961 Chevrolet Impala |

| 1980’s GM Manhattan Express |

| 1997 BMW F650 ST |

| 1982 Ducati 996 R |

| 1954 Greyhound Scenicruiser |

| 1950's Chicago Surface Lines Streetcar |

| 1996 Peterbilt 379 Stake Bed with Outrigger |

| 1928 Ford Phaeton Deluxe |

| 1974 Ducati 350 Mk3 Desmo |

| 1930 Buick Marquette Phaeton |

| Diamond T620 Semi-Skirted Tanker |

| 1962 City of Detroit Streetcar |

| 2002 Yamaha YZR M1 |

| The Schooner Bluenose |

| American Airlines: B767-300 |

| The Mayflower |

| HMS Bounty |

| America West Airlines B757-200 |

| The USS Constitution Ship |

| 1982 Camaro Z28 |

| ATA: B757-300 |

| F/A 18 Hornet 1/72 |

| The Titanic |

| The Queen Mary |

| American Airlines: MD-11S |

| Boeing X-32A JSF |

| Pont Yacht |

+---------------------------------------------+

6)List the Distinct Country where the Offices are present?

select distinct count(country) from Offices;

+----------------+

| count(country) |

+----------------+

| 7 |

+----------------+

7)List All the Products purchased by a Company named “Mini Auto Werke”

select productName from Products Join(OrderDetails,Orders,Customers)

on (OrderDetails.productCode=Products.productCode and Orders.orderNumber=OrderDetails.orderNumber and Customers.customerNumber = Orders.customerNumber) where customerName = “Mini Auto Werke”

+---------------------------------------------+

| productName |

+---------------------------------------------+

| 1962 LanciaA Delta 16V |

| 1958 Setra Bus |

| 1940 Ford Pickup Truck |

| 1940s Ford truck |

| 1939 Cadillac Limousine |

| 1980’s GM Manhattan Express |

| 1996 Peterbilt 379 Stake Bed with Outrigger |

| 1982 Camaro Z28 |

| 1968 Dodge Charger |

| 1969 Dodge Charger |

| 1948 Porsche 356-A Roadster |

| 1956 Porsche 356A Coupe |

| 1934 Ford V8 Coupe |

| 18th Century Vintage Horse Carriage |

| 1917 Maxwell Touring Car |

+---------------------------------------------+

8)List the difference Number of days from of the first and last order ?

Found out the dates by using the query

SELECT \* from Orders;

SELECT DATEDIFF('2005-05-31','2003-01-06');

+-------------------------------------+

| DATEDIFF('2005-05-31','2003-01-06') |

+-------------------------------------+

| 876 |

+-------------------------------------+

1 row in set (0.00 sec)

9)List the Employees Name Working the City Boston

select firstName, lastName from employees Join (Offices) On (Offices.officeCode = Employees.officeCode) where city ="Boston";

+-----------+-----------+

| firstName | lastName |

+-----------+-----------+

| Julie | Firrelli |

| Steve | Patterson |

+-----------+-----------+