Supplier parts Database (make sure all of each statement is on the same line in the DB browser just to be safe):

1. SELECT sno,sname FROM s WHERE status > 4;
2. SELECT sno, sname FROM s WHERE (city != "London") AND (status > 10);
3. SELECT sum(qty) FROM sp WHERE pno IN (SELECT pno FROM p WHERE (color = "Green") AND (city = "Paris"));
4. SELECT min(qty) FROM sp WHERE sno = "S3";
5. SELECT pname FROM p WHERE pno IN (SELECT pno FROM sp WHERE sno = "S1");

Northwind Database (make sure all of each statement is on the same line just for safety):

1. SELECT FirstName, LastName, BirthDate FROM Employee WHERE Region = "British Isles";
2. SELECT FirstName FROM Employee WHERE LastName = "Peacock";
3. SELECT Title, Notes FROM Employee WHERE (FirstName = "Laura") AND (LastName = "Callahan");
4. SELECT count(Id) FROM Employee WHERE TitleOfCourtesy = "Dr.";
5. SELECT Title, FirstName, LastName FROM Employee WHERE Title = "Sales Manager";
6. SELECT max(Freight) FROM "Order" WHERE EmployeeId IN(SELECT Id FROM Employee WHERE (FirstName = "Andrew") and (LastName = "Fuller"));
7. SELECT ProductName FROM Product WHERE UnitsInStock > 50 AND ProductName LIKE "%Chef%";
8. SELECT FirstName, LastName FROM Employee WHERE Title = "Sales Representative";
9. SELECT FirstName, LastName FROM Employee WHERE ReportsTo IN (SELECT Id FROM Employee WHERE (FirstName = "Andrew") AND (LastName = "Fuller"));  
   **Alternate Method:**

SELECT e.FirstName, e.LastName, d.Id as BossId, d.FirstName as BossFName, d.LastName as BossLName FROM Employee e, Employee d WHERE e.ReportsTo = d.Id and d.FirstName = "Andrew" and d.LastName = "Fuller";

1. SELECT \* FROM Supplier WHERE ContactName = "Robert King";

(For 10 I assumed that the since we are looking for customers of Robert King, we look through the contact name in the supplier)

AdventureWorks Data Warehouse (make sure each code statement is on the same line for safety)

1. SELECT sum(SickLeaveHours \* BaseRate) FROM DimEmployee WHERE BaseRate < 15;
2. SELECT FirstName, LastName FROM DimEmployee ORDER BY BaseRate LIMIT 3;
3. SELECT avg(BaseRate \* VacationHours) FROM DimEmployee WHERE Gender = "F";
4. SELECT count(EndDate) FROM DimEmployee;
5. SELECT avg(TaxAmt) FROM FactInternetSales;
6. SELECT FirstName, LastName, Title FROM DimEmployee WHERE Title LIKE "%Vice President%";

Chinook Database

1. **Uncomment and run each line below one by one in the given order.**

--CREATE TABLE TotalSales (Country TEXT UNIQUE,Sales INTEGER);

--INSERT INTO TotalSales VALUES ("Brazil", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Brazil"));

--INSERT INTO TotalSales Values ("Norway", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Norway"));

--INSERT INTO TotalSales VALUES ("Belgium", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Belgium"));

--INSERT INTO TotalSales VALUES ("Canada", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Canada"));

--INSERT INTO TotalSales VALUES ("Czech Republic", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Czech Republic"));

--INSERT INTO TotalSales VALUES ("Austria", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Austria"));

--INSERT INTO TotalSales VALUES ("Denmark", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Denmark"));

--INSERT INTO TotalSales VALUES ("USA", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "USA"));

--INSERT INTO TotalSales VALUES ("Portugal", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Portugal"));

--INSERT INTO TotalSales VALUES ("France", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "France"));

--INSERT INTO TotalSales VALUES ("Hungary", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Hungary"));

--INSERT INTO TotalSales VALUES ("Ireland", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Ireland"));

--INSERT INTO TotalSales VALUES ("Italy", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Italy"));

--INSERT INTO TotalSales VALUES ("Netherlands", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Netherlands"));

--INSERT INTO TotalSales VALUES ("Poland", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Poland"));

--INSERT INTO TotalSales VALUES ("Spain", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Spain"));

--INSERT INTO TotalSales VALUES ("Sweden", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Sweden"));

--INSERT INTO TotalSales VALUES ("United Kingdom", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "United Kingdom"));

--INSERT INTO TotalSales VALUES ("Australia", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Australia"));

--INSERT INTO TotalSales VALUES ("Argentina", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Argentina"));

--INSERT INTO TotalSales VALUES ("Chile", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "Chile"));

--INSERT INTO TotalSales VALUES ("India", (SELECT sum("TOTAL") FROM Invoice WHERE BillingCountry = "India"));

--SELECT \* FROM TotalSales ORDER BY Sales DESC;

**Alternate method:**

SELECT BillingCountry, "Total" FROM Invoice;

1. SELECT sum(Bytes/1000) AS Megabytes FROM Track;
2. SELECT Name, (Milliseconds/1000) AS "Length(Seconds)" FROM Track WHERE AlbumId IN

(SELECT AlbumId FROM Album WHERE ArtistId IN (SELECT ArtistId FROM Artist WHERE Name = "AC/DC"));

1. SELECT sum("Total") AS "Total Sales Revenue in Canada, BC" FROM Invoice WHERE (BillingState = "BC") AND (BillingCountry = "Canada");