1. **Find all the tracks that have a length of 5,000,000 milliseconds or more.**

SELECT \* FROM tracks

WHERE Milliseconds >= 5000000;

1. **Find all the invoices whose total is between 1 and 10 dollars.**

SELECT \* FROM invoices

WHERE Total BETWEEN 1 AND 10;

1. **Find all the tracks whose name starts with 'All'.**

SELECT \* FROM tracks

WHERE Name LIKE 'all%';

1. **Find the albums with 12 or more tracks.**

Select AlbumId, Count (\*) AS Number

From tracks

GROUP BY AlbumId

Having Number >= 12;

1. **Show the number of orders placed by each customer (hint: this is found in the invoices table) and sort the result by the number of orders in descending order.**

Select CustomerId, Count (\*) AS Orders

From invoices

GROUP BY CustomerId

ORDER BY DESC;

1. **What is the title of the album with AlbumId 73?**

SELECT title FROM albums

WHERE AlbumId = '73';

1. **Provide a query that shows the total sales per country. Which country's customers spent the most? (Invoices Table).**

Select distinct invoices.BillingCountry, SUM(invoices.Total) AS "Total Sales"

from invoices

Group by BillingCountry

Order by SUM(invoices.Total) DESC;

1. **Provide a query that shows the number of invoices per country. HINT: [GROUP BY]**

Select distinct invoices.BillingCountry, COUNT(invoices.InvoiceId) AS "Total Invoices"

from invoices

Group by BillingCountry

Order by COUNT(invoices.InvoiceId) DESC;

1. **How many Invoices were there in 2009 and 2011?**

select SUBSTR(invoices.InvoiceDate, 0, 5) as "Year", Sum(invoices.Total) as "Total Sales"

from invoices

where invoices.InvoiceDate LIKE "2009%" OR invoices.InvoiceDate LIKE "2011%"

GROUP BY SUBSTR(invoices.InvoiceDate, 0, 5);

1. **Provide a query that shows the Invoice Total, Customer name, Country and Sale Agent name for all invoices and customers.**

select c.FirstName || " " || c.LastName as "Customer", c.Country, e.FirstName || " " || e.LastName as "Sales Agent Name", i.Total

from invoices i, employees e, customers c

where i.CustomerId == c.SupportRepId

and c.SupportRepId == e.EmployeeId

ORDER BY Customer;

1. **Provide a query showing the invoices of customers who are from Belgium.**

Select invoices.BillingCountry, COUNT(invoices.InvoiceId) AS "Total Invoices"

from invoices

WHERE BillingCountry = "Belgium";