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SELECT ALL COLUMNS FROM TRACKS TABLE

PARÇA TABLOSUNDAN TÜM SÜTUNLARI SEÇ

SELECT \*

FROM tracks;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

SELECT ONLY FOLLOWING COLUMNS FROM TRACKS TABLE: Name,Composer,UnitPrice

TRACKS TABLOSUNDAN YALNIZCA TAKİP EDİLEN SÜTUNLARI SEÇİN: Name,Composer,UnitPrice

SELECT name, Composer, UnitPrice

FROM tracks;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

HOW MANY RECORDS ARE THERE IN TRACKS TABLE?

TRACKS TABLOSUNDA KAÇ KAYIT VAR?

SELECT COUNT (\*)

FROM tracks;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

HOW MANY RECORDS ARE THERE IN ARTISTS TABLE?

ARTISTS TABLOSUNDA KAÇ KAYIT VAR?

SELECT COUNT (\*)

FROM artists;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

HOW MANY DIFFERENT/DISTINCT PRICES ARE THERE IN TRACKS TABLE

TRACKS TABLOSUNDA KAÇ FARKLI / FARKLI PRICES VAR

SELECT \*

FROM tracks;

SELECT COUNT (DISTINCT UnitPrice)

FROM tracks;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

WHAT IS THE TITLE OF THE ALBUM WITH ALBUMID=3

ALBÜMÜNÜN ADI NEDİR = 3

SELECT Title

FROM albums

WHERE AlbumId = 3;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

What is the ArtistID of Metallica?

Metallica 'nın ArtistID nedir?

SELECT ArtistId

FROM artists

Where name = "Metallica";

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

How many albums does Metallica have? List them all

Metallica 'nın kaç albums var? Hepsini listeleyin

SELECT \*

FROM albums

WHERE ArtistId = (SELECT ArtistId

FROM artists

Where name = "Metallica");

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

Albums has different tracks in it. How many tracks does Metallica's "Master Of Puppets" album has? List all columns.

(We have found that "Master Of Puppets" album has AlbumId=152)

Albümlerin içinde farklı parçalar var. Metallica'nın "Master Of Puppets" albümünde kaç parça var?

Tüm sütunları listeleyin. ("Master Of Puppets" albümünün AlbumId = 152 olduğunu bulduk)

SELECT count (TrackId)

FROM tracks

WHERE AlbumId = (SELECT AlbumId

FROM albums

WHERE ArtistId = 50 AND Title = 'Master Of Puppets');

SELECT \*

FROM tracks

WHERE AlbumId = (SELECT AlbumId

FROM albums

WHERE ArtistId = 50 AND Title = 'Master Of Puppets');

SELECT count (TrackId)

FROM tracks

WHERE AlbumId = 152;

SELECT \*

FROM tracks

WHERE AlbumId = 152;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

List all the tracks IDs and Names in Metallica's following albums

Metallica'nın aşağıdaki albümlerindeki tüm parça kimliklerini ve adlarını listeleyin

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

Order the results of tracks in "Master Of Puppets" album A-Z according to column "Name"

"Master Of Puppets" albüm A-Z'deki parçaların sonuçlarını "Ad" sütununa göre sıralayın

SELECT \*

FROM tracks

WHERE AlbumId = 152

ORDER BY name ASC;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

Bring the TrackId and Name of tracks in "Master Of Puppets" album with TrackID between 1854 and 1858

1854 ile 1858 arasında TrackID ile "Master Of Puppets" albümünde TrackId ve Name şarkılarını getirin

SELECT TrackId, name

FROM tracks

WHERE TrackId BETWEEN 1854 AND 1858;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

Bring the record with Minimum-Size in Bytes from tracks in "Master Of Puppets" album

"Master Of Puppets" albümündeki parçalardan Byte cinsinden Minimum-Size ile rekoru getirin

SELECT MIN (Bytes)

FROM tracks

WHERE AlbumId = 152;

SELECT MIN (Bytes)

FROM tracks

WHERE AlbumId = (SELECT AlbumId

FROM albums

WHERE Title = 'Master Of Puppets');

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

Bring the record with Maximum-Size in Bytes from tracks in "Master Of Puppets" album

"Master Of Puppets" albümündeki parçalardan Byte cinsinden Maximum-Size ile rekoru getirin

SELECT MAX (Bytes)

FROM tracks

WHERE AlbumId = 152;

SELECT MAX (Bytes)

FROM tracks

WHERE AlbumId = (SELECT AlbumId

FROM albums

WHERE Title = 'Master Of Puppets');

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

Bring all records from tracks table and present every AlbumID and the max size-bytes track on it.

Parçalar tablosundaki tüm kayıtları getirin ve her AlbumID ve üzerindeki maksimum boyut bayt parçasını sunun.

SELECT AlbumId, MAX (Bytes)

FROM tracks

GROUP BY AlbumId;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

Bring all records from tracks table and present every AlbumID and the min size-bytes track on it.

Parçalar tablosundaki tüm kayıtları getirin ve her Albüm Kimliği ile minimum bayt boyutundaki parçayı gösterin.

SELECT AlbumId, MIN (Bytes)

FROM tracks

GROUP BY AlbumId;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

What is the sum of all tracks cost?

Tüm parçaların maliyeti toplamı nedir?

SELECT SUM (UnitPrice)

FROM tracks;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

What is the avg price of all tracks cost?

Tüm parçaların ortalama fiyatı nedir?

SELECT AVG (UnitPrice)

FROM tracks;

select round(avg(UnitPrice) ,3) as OrtalamaFiyat

from tracks;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

What is the sum of each albums cost?

Her albümün toplam maliyeti nedir?

SELECT AlbumId, SUM(UnitPrice)

FROM tracks

GROUP BY AlbumId;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

What is the avarage size of tracks in each album?

Her albümdeki parçaların ortalama boyutu nedir?

SELECT AlbumId, AVG(Bytes)

FROM tracks

GROUP BY AlbumId;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

How many tracks have each album?

Her albümde kaç parça var?

SELECT AlbumId, count(trackId)

FROM tracks

GROUP BY AlbumId;

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

What is the AlbumID of the album with most track in it

İçinde en çok parçanın bulunduğu albümün Albüm Kimliği nedir

SELECT AlbumId, count(TrackId) as most\_track\_album

FROM tracks

GROUP BY AlbumId

ORDER By most\_track\_album DESC;

SELECT AlbumId, MAX(most\_track\_album)

FROM (SELECT AlbumId, count(TrackId) as most\_track\_album

FROM tracks

GROUP BY AlbumId

ORDER By most\_track\_album DESC);

SELECT AlbumId,name, MAX(most\_track\_album)

FROM (SELECT AlbumId, name, count(TrackId) as most\_track\_album

FROM tracks

GROUP BY AlbumId

ORDER By most\_track\_album DESC);

SELECT AlbumId, name, count(TrackId) as most\_track\_album

FROM tracks

GROUP BY AlbumId

ORDER By most\_track\_album DESC;

SELECT AlbumId, count(TrackId)

from tracks

GROUP by AlbumId

order by count(TrackId) desc

limit 1

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

At the beginning of the lesson, we have used the queries below:

SELECT \* FROM artists WHERE NAME = 'Metallica' (We have found that Metallica has ArtistID=50)

SELECT \* FROM albums WHERE ArtistId = 50 (We have found the 10 albums of Metallica with ArtistID=50)

AlbumId Title ArtistId

35 Garage Inc. (Disc 1) 50

148 Black Album 50

149 Garage Inc. (Disc 2) 50

150 Kill 'Em All 50

151 Load 50

152 Master Of Puppets 50

153 ReLoad 50

154 Ride The Lightning 50

155 St. Anger 50

156 ...And Justice For All 50

Let's find all the tracks of Metallica

Result: 112 rows. Just as same as we have found above.

SELECT \*

FROM tracks

where AlbumId IN (

'35',

'148',

'149',

'150',

'151',

'152',

'153',

'154',

'155',

'156'

)

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

How many tracks has Metallica sold to each country?

-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*

SELECT ins.BillingCountry,count(tr.TrackId)  
from tracks tr  
inner join invoice\_items inv  
on tr.TrackId = inv.TrackId  
INNER join invoices ins  
on inv.InvoiceId = ins.InvoiceId  
where tr.TrackId in (SELECT TrackId  
from tracks  
where AlbumId in (SELECT AlbumId  
from albums  
where ArtistId = "50"))  
GROUP by ins.BillingCountry