SELECT TrackId, AlbumId, MediaTypeId, GenreId from tracks;

--tracks tablosundaki rakamlarin karsiliklarını gördük

SELECT tracks.TrackId, albums.Title, media\_types.Name, genres.Name

FROM tracks

INNER JOIN albums on tracks.AlbumId=albums.AlbumId

INNER JOIN media\_types on tracks.MediaTypeId=media\_types.MediaTypeId

INNER JOIN genres on genres.GenreId=tracks.GenreId;

--sarkinin bestecisini yazdıralim

SELECT albums.AlbumId,albums.Title, artists.Name

FROM albums

JOIN artists on albums.ArtistId=artists.ArtistId WHERE artists.Name='Deep Purple';

SELECT albums.AlbumId,albums.Title, artists.Name

FROM albums

JOIN artists on albums.ArtistId=artists.ArtistId WHERE albums.AlbumId>60 and artists.Name='Foo Fighters';

SELECT tracks.Name, albums.Title FROM tracks INNER JOIN albums on tracks.AlbumId=albums.AlbumId order by albums.AlbumId;

SELECT count(\*), albums.Title FROM tracks INNER JOIN albums on tracks.AlbumId=albums.AlbumId GROUP BY albums.Title;

--Find the genre of each track

SELECT tracks.name, genres.Name FROM genres JOIN tracks on tracks.GenreId=genres.GenreId WHERE genres.Name like '%Punk';

SELECT count(\*) as kac\_tür\_var, genres.Name FROM genres JOIN tracks on tracks.GenreId=genres.GenreId GROUP by genres.Name;

--Find the customer name of each invoice. Your result will include Invoice id and customer name

SELECT invoices.InvoiceId, customers.FirstName

from invoices JOIN customers on customers.CustomerId=invoices.CustomerId;

SELECT artists.Name, albums.Title FROM artists LEFT JOIN albums on artists.ArtistId=albums.ArtistId;

SELECT artists.Name, albums.Title FROM albums LEFT JOIN artists on artists.ArtistId=albums.ArtistId;

SELECT media\_types.Name, tracks.Name FROM tracks LEFT JOIN media\_types on tracks.MediaTypeId=media\_types.MediaTypeId;

--ic ice sorgu

SELECT name, surname, salary FROM carsalesEmployees WHERE salary > (SELECT salary FROM carsalesEmployees WHERE name='Ryan');

--subquery

--Retrieve track id, track name, album id info of the Album title ‘Faceless’.

SELECT TrackId, name, AlbumId FROM tracks WHERE AlbumId in(SELECT AlbumId FROM albums WHERE Title='Faceless' or Title='Let There Be Rock' );

--join ile

SELECT tracks.TrackId, tracks.Name, albums.Title FROM tracks inner JOIN albums on tracks.AlbumId=albums.AlbumId

WHERE albums.Title='Faceless';

SELECT tracks.TrackId, tracks.Name, albums.Title

FROM tracks inner JOIN albums on tracks.AlbumId=albums.AlbumId

WHERE albums.Title in ('Faceless', 'Let There Be Rock', 'Facelift');

--her artis kac album cikarmis

SELECT albums.Title, artists.Name FROM albums JOIN artists on albums.ArtistId=artists.ArtistId ORDER by artists.Name;

SELECT count(albums.Title), artists.Name FROM albums JOIN artists on albums.ArtistId=artists.ArtistId GROUP BY artists.Name;