1.How many tracks does each album have? Your solution should include Album id and its number of tracks sorted from highest to lowest.

Answer : SELECT COUNT("tracks.TrackId") AS Total\_tracks, albums.AlbumId

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

GROUP BY albums.AlbumId

ORDER BY Total\_tracks DESC;

2. Find the album title of the tracks. Your solution should include track name and its album title.

Answer = SELECT albums.Title AS albumstitle, tracks.Name AS tracksname

FROM albums INNER JOIN tracks on albums.AlbumId=tracks.AlbumId;

3. Find the minimum duration of the track in each album. Your solution should include album id, album title and duration of the track sorted from highest to lowest.

Answer : SELECT MIN(tracks.Milliseconds), albums.AlbumId, albums.Title

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

GROUP BY albums.AlbumId

ORDER by tracks.Milliseconds DESC;

4.Find the total duration of each album. Your solution should include album id, album title and its total duration sorted from highest to lowest.

Answer : SELECT SUM("Milliseconds") AS Total\_duration, albums.AlbumId, albums.Title

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

GROUP BY albums.AlbumId

ORDER BY Total\_duration DESC;

5. Based on the previous question, find the albums whose total duration is higher than 70 minutes. Your solution should include album title and total duration.

SELECT \*

FROM (SELECT SUM("Milliseconds") AS Total\_duration, albums.AlbumId, albums.Title

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

GROUP BY albums.AlbumId

ORDER BY Total\_duration DESC)

WHERE Total\_duration <420000;

Answer = SELECT AlbumId, name, sum(Milliseconds) from tracks WHERE (SELECT sum(Milliseconds) from tracks) >70