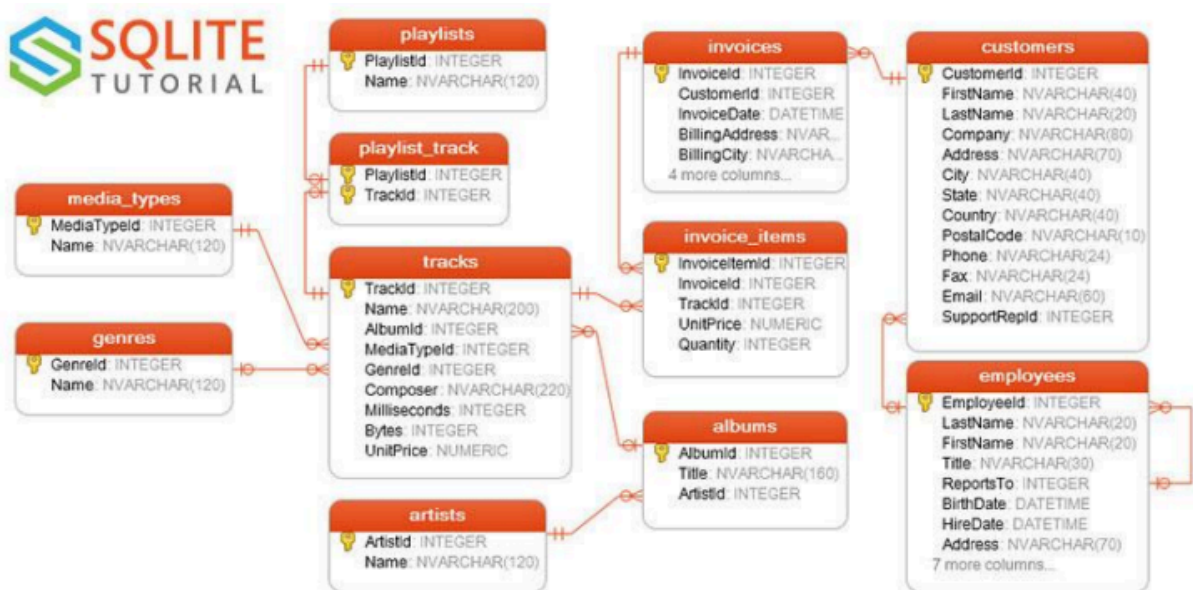# Prova de Banco de Dados Prática 01

1) Listar os seguinte dados das tabelas: invoices (Invoiceid, invoiceDate), invoice_items (Invoiceitemid,
unitprice), total_da_fatura (resultado do somatório de todos os unitprice).

	InvoiceId	InvoiceDate	TotalFatura
1	1	2009-01-01 00:00:00	1.98
2	2	2009-01-02 00:00:00	3.96
3	3	2009-01-03 00:00:00	5.94
4	4	2009-01-06 00:00:00	8.91
5	5	2009-01-11 00:00:00	13.86
6	6	2009-01-19 00:00:00	0.99
7	7	2009-02-01 00:00:00	1.98
8	8	2009-02-01 00:00:00	1.98

```sql
SELECT
    invoices.InvoiceId,
    invoices.InvoiceDate,
    SUM(invoice_items.UnitPrice) AS TotalFatura
FROM invoices
INNER JOIN invoice_items
    ON invoices.InvoiceId = invoice_items.InvoiceId
GROUP BY invoices.InvoiceId, invoices.InvoiceDate;
```

2) Listar os seguinte dados das tabelas: tracks (Trackid, Name, Albumid), albums (Title, Artistid),

artists(Name).

	TrackId	TrackName	AlbumId	
1	1	For Those About To Rock (We Salute You)	1	For
2	6	Put The Finger On You	1	For
3	7	Let's Get It Up	1	For
4	8	Inject The Venom	1	For
5	9	Snowballed	1	For
6	10	Evil Walks	1	For
7	11	C.O.D.	1	For
8	12	Breaking The Rules	1	For

```
SQL 1

1   SELECT
2       tracks.TrackId,
3       tracks.Name AS TrackName,
4       tracks.AlbumId,
5       albums.Title AS AlbumTitle,
6       albums.ArtistId,
7       artists.Name AS ArtistName
8   FROM tracks
9   INNER JOIN albums
10      ON tracks.AlbumId = albums.AlbumId
11  INNER JOIN artists
12      ON albums.ArtistId = artists.ArtistId;
13
```

3) Listar os seguintes dados das tabelas: tracks(Trackid, Name, Milliseconds), mediatypes (MediaTypeid,

	TrackId	TrackName	Milliseconds	MediaTypeId
1	2819	Battlestar Galactica: The Story So Far	2622250	
2	2825	A Measure of Salvation	2563938	
3	2826	Hero	2713755	
4	2827	Unfinished Business	2622038	
5	2828	The Passage	2623875	
6	2829	The Eye of Jupiter	2618750	
7	2830	Rapture	2624541	
8	2831	Taking a Break from All Your Worries	2624207	

SQL 1

```sql
SELECT
    tracks.TrackId,
    tracks.Name AS TrackName,
    tracks.Milliseconds,
    media_types.MediaTypeId,
    media_types.Name AS MediaTypeName,
    genres.GenreId,
    genres.Name AS GenreName
FROM tracks
INNER JOIN media_types
    ON tracks.MediaTypeId = media_types.MediaTypeId
INNER JOIN genres
    ON tracks.GenreId = genres.GenreId
WHERE tracks.Milliseconds > 2000000;
```