

PROVA PRATICA 02- IAGO CARVALHO NASCIMENTO

01)

The screenshot shows the DB Browser for SQLite interface. The SQL editor contains the following query:

```
1 SELECT
2   invoices.InvoiceId,
3   invoices.InvoiceDate,
4   SUM(invoice_items.UnitPrice * invoice_items.Quantity) AS total_da_fatura
5 FROM invoices
6 JOIN invoice_items ON invoices.InvoiceId = invoice_items.InvoiceId
7 GROUP BY invoices.InvoiceId, invoices.InvoiceDate;
```

The results pane displays a table with 8 rows and 3 columns: InvoiceId, InvoiceDate, and total_da_fatura.

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

The status bar at the bottom indicates the execution was successful without errors, returning 412 rows in 41 ms.

02)

The screenshot shows the DB Browser for SQLite interface. The SQL editor contains the following query:

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

The results pane displays a table with 8 rows and 6 columns: AlbumTitle, ArtistId, TrackId, TrackName, AlbumId, and ArtistName.

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

The status bar at the bottom indicates the execution was successful without errors, returning 5893 rows in 10 ms.

03)

DB Browser for SQLite - C:\Users\Alunos\Downloads\chirouk (2).db

Arquivo Editar Exibir Ferramentas Ajuda

Novo banco de dados Abrir banco de dados Salvar alterações Salvar projeto Anexar banco de dados Fechar banco de dados

Estrutura do banco de dados Navegar dados Editar queries Executar SQL

```
1 SELECT
2   tracks.TrackId,
3   tracks.Name AS TrackName,
4   tracks.Milliseconds,
5   media_types.Name AS MediaTypeName,
6   genres.Name AS GenreName
7 FROM tracks
8 JOIN media_types ON tracks.MediaTypeId = media_types.MediaTypeId
9 JOIN genres ON tracks.GenreId = genres.GenreId
10 WHERE tracks.Milliseconds BETWEEN 100000 AND 400000;
```

TrackId	TrackName	Milliseconds	MediaTypeName	GenreName
1	1 For Those About To Rock (We Salute You)	343719	MPEG audio file	Rock
2	2 Balls to the Wall	342562	Protected AAC audio file	Rock
3	3 Fast As a Shark	230619	Protected AAC audio file	Rock
4	4 Redness and Wild	250031	Protected AAC audio file	Rock
5	5 Princess of the Dawn	375418	Protected AAC audio file	Rock
6	6 Put the Finger On You	265662	MPEG audio file	Rock
7	7 Let's Get It Up	233992	MPEG audio file	Rock
8	8 Inject The Venom	210834	MPEG audio file	Rock

Execução finalizada sem erros.
Resultado: 2070 linhas retornadas em 8 ms
Na linha 1:
SELECT
 tracks.TrackId,
 tracks.Name AS TrackName,
 tracks.Milliseconds,
 media_types.Name AS MediaTypeName,
 genres.Name AS GenreName

Editar célula do banco de dados

Modo: Texto

NULL

Tipo de dado atualmente na célula: NULL

0 byte

Aplicar

Remoto

Identidade: Selecione uma identidade para se conectar

DBHub Local Banco de dados atual

Nome Última

Log do SQL Remoto

16:42 11/06/2025