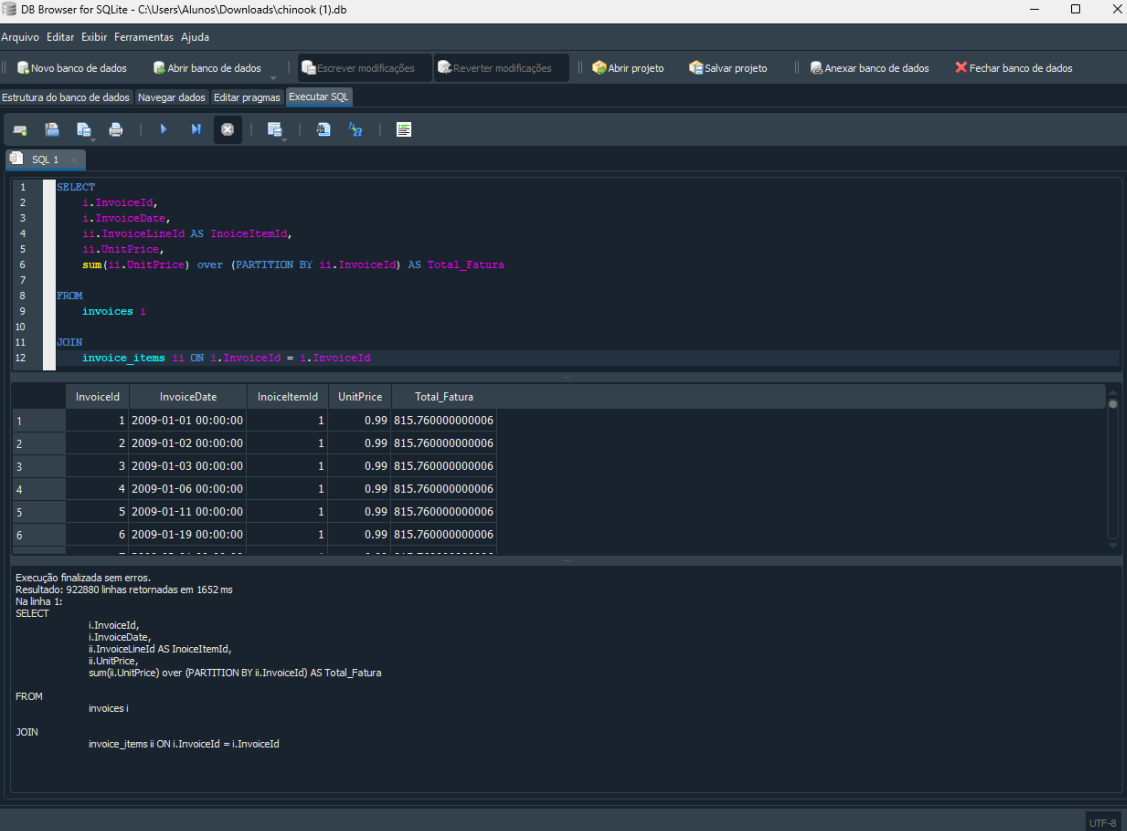


1) Listar os seguinte dados das tabelas: invoices (Invoiceid, invoiceDate), invoice_items (Invoiceitemid,unitprice), total_da_fatura (resultado do somatório de todos os unitprice).



The screenshot shows the DB Browser for SQLite interface. The SQL query is as follows:

```

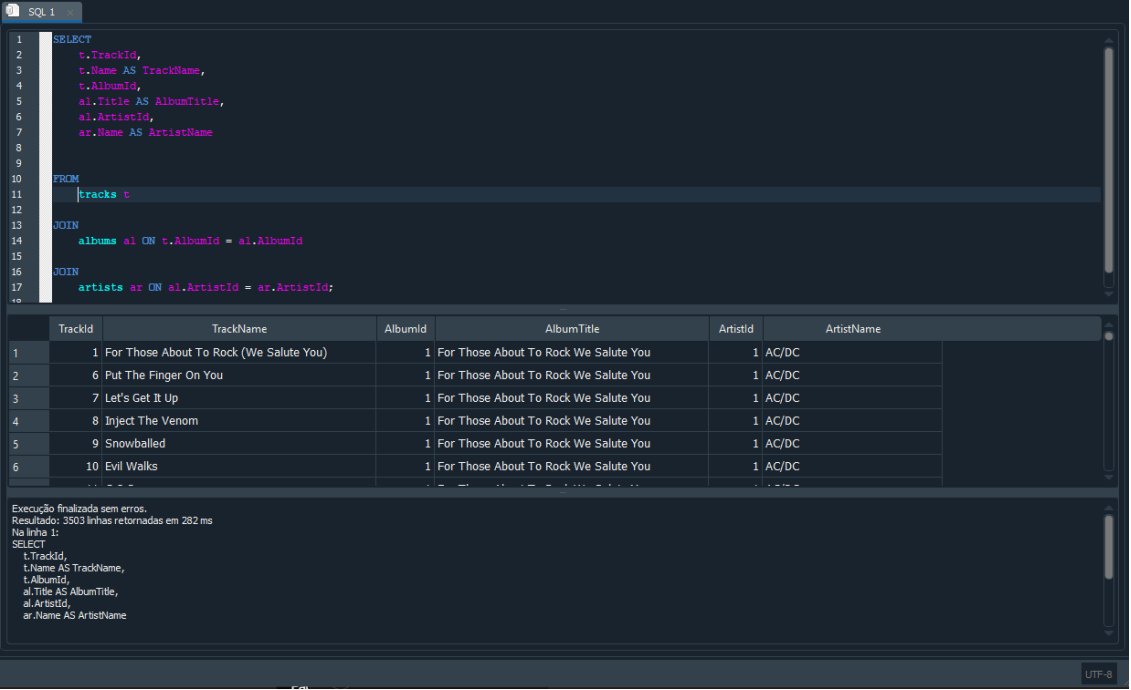
1 SELECT
2     i.InvoiceId,
3     i.InvoiceDate,
4     ii.InvoiceItemId AS InvoiceItemId,
5     ii.UnitPrice,
6     sum(ii.UnitPrice) over (PARTITION BY ii.InvoiceId) AS Total_Fatura
7
8 FROM
9     invoices i
10
11 JOIN
12     invoice_items ii ON i.InvoiceId = ii.InvoiceId
  
```

The results table shows 6 rows of data:

	InvoiceId	InvoiceDate	InvoiceItemId	UnitPrice	Total_Fatura
1	1	2009-01-01 00:00:00	1	0.99	815.7600000000006
2	2	2009-01-02 00:00:00	1	0.99	815.7600000000006
3	3	2009-01-03 00:00:00	1	0.99	815.7600000000006
4	4	2009-01-06 00:00:00	1	0.99	815.7600000000006
5	5	2009-01-11 00:00:00	1	0.99	815.7600000000006
6	6	2009-01-19 00:00:00	1	0.99	815.7600000000006

Execution summary: Execução finalizada sem erros. Resultado: 922880 linhas retornadas em 1652 ms. Na linha 1: SELECT i.InvoiceId, i.InvoiceDate, ii.InvoiceItemId AS InvoiceItemId, ii.UnitPrice, sum(ii.UnitPrice) over (PARTITION BY ii.InvoiceId) AS Total_Fatura FROM invoices i JOIN invoice_items ii ON i.InvoiceId = ii.InvoiceId

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



The screenshot shows the DB Browser for SQLite interface. The SQL query is as follows:

```

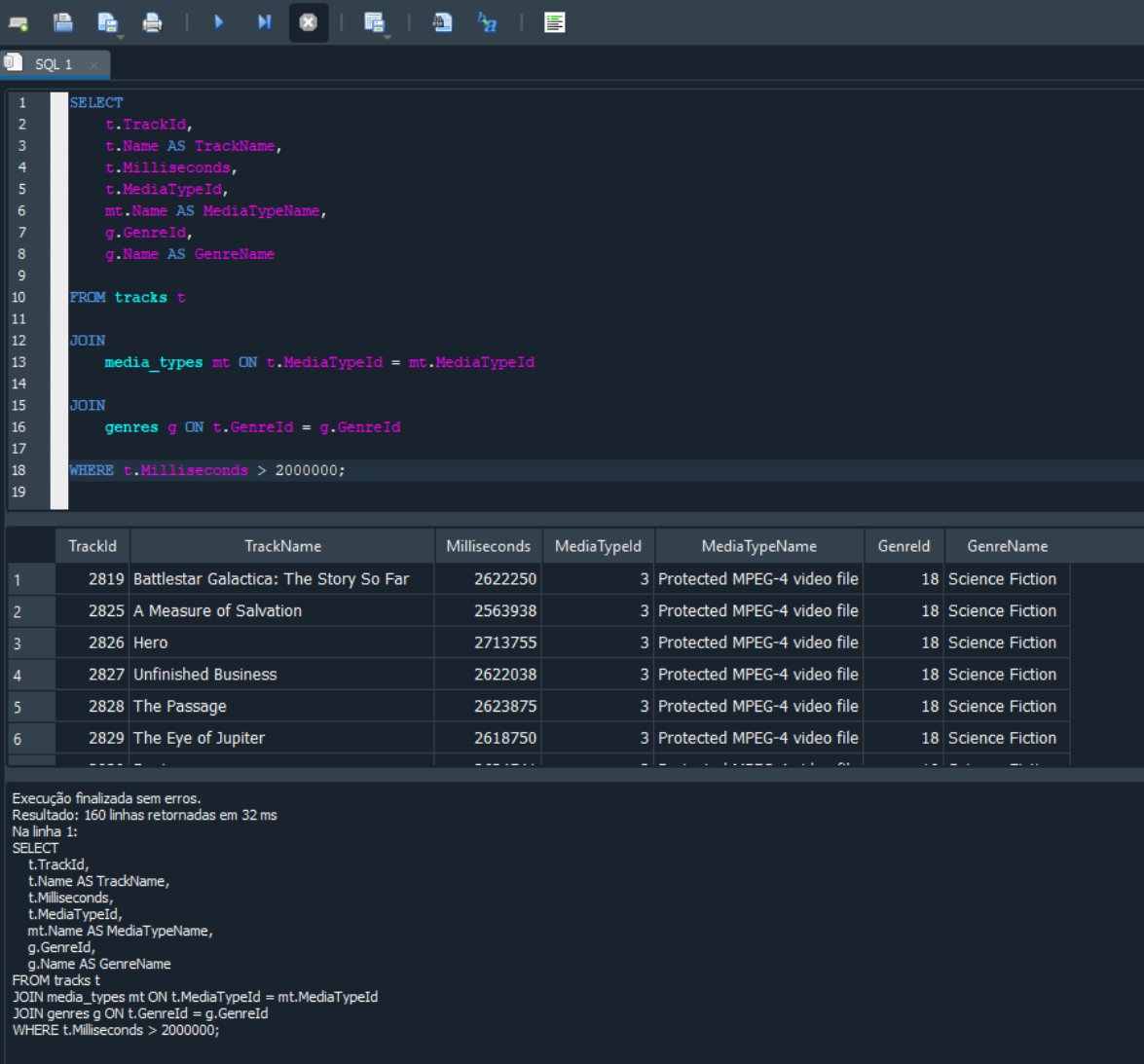
1 SELECT
2     t.TrackId,
3     t.Name AS TrackName,
4     t.AlbumId,
5     al.Title AS AlbumTitle,
6     al.ArtistId,
7     ar.Name AS ArtistName
8
9 FROM
10     tracks t
11
12 JOIN
13     albums al ON t.AlbumId = al.AlbumId
14
15 JOIN
16     artists ar ON al.ArtistId = ar.ArtistId;
  
```

The results table shows 6 rows of data:

	TrackId	TrackName	AlbumId	AlbumTitle	ArtistId	ArtistName
1	1	For Those About To Rock (We Salute You)	1	For Those About To Rock We Salute You	1	AC/DC
2	6	Put The Finger On You	1	For Those About To Rock We Salute You	1	AC/DC
3	7	Let's Get It Up	1	For Those About To Rock We Salute You	1	AC/DC
4	8	Inject The Venom	1	For Those About To Rock We Salute You	1	AC/DC
5	9	Snowballed	1	For Those About To Rock We Salute You	1	AC/DC
6	10	Evil Walks	1	For Those About To Rock We Salute You	1	AC/DC

Execution summary: Execução finalizada sem erros. Resultado: 3503 linhas retornadas em 282 ms. Na linha 1: SELECT t.TrackId, t.Name AS TrackName, t.AlbumId, al.Title AS AlbumTitle, al.ArtistId, ar.Name AS ArtistName FROM tracks t JOIN albums al ON t.AlbumId = al.AlbumId JOIN artists ar ON al.ArtistId = ar.ArtistId;

3) Listar os seguintes dados das tabelas: tracks(Trackid, Name, Milliseconds), mediatypes (MediaTypeId, name), genres (GenreId, name). Selecionar as tracks com milliseconds > 2000000.



The screenshot shows a SQL IDE window with a query editor and a results pane. The query is as follows:

```

1  SELECT
2      t.TrackId,
3      t.Name AS TrackName,
4      t.Milliseconds,
5      t.MediaTypeId,
6      mt.Name AS MediaTypeName,
7      g.GenreId,
8      g.Name AS GenreName
9
10 FROM tracks t
11
12 JOIN
13     media_types mt ON t.MediaTypeId = mt.MediaTypeId
14
15 JOIN
16     genres g ON t.GenreId = g.GenreId
17
18 WHERE t.Milliseconds > 2000000;
19

```

The results pane displays a table with the following data:

	TrackId	TrackName	Milliseconds	MediaTypeId	MediaTypeName	GenreId	GenreName
1	2819	Battlestar Galactica: The Story So Far	2622250	3	Protected MPEG-4 video file	18	Science Fiction
2	2825	A Measure of Salvation	2563938	3	Protected MPEG-4 video file	18	Science Fiction
3	2826	Hero	2713755	3	Protected MPEG-4 video file	18	Science Fiction
4	2827	Unfinished Business	2622038	3	Protected MPEG-4 video file	18	Science Fiction
5	2828	The Passage	2623875	3	Protected MPEG-4 video file	18	Science Fiction
6	2829	The Eye of Jupiter	2618750	3	Protected MPEG-4 video file	18	Science Fiction

Below the table, the IDE shows the execution status and the full query text:

```

Execução finalizada sem erros.
Resultado: 160 linhas retornadas em 32 ms
Na linha 1:
SELECT
    t.TrackId,
    t.Name AS TrackName,
    t.Milliseconds,
    t.MediaTypeId,
    mt.Name AS MediaTypeName,
    g.GenreId,
    g.Name AS GenreName
FROM tracks t
JOIN media_types mt ON t.MediaTypeId = mt.MediaTypeId
JOIN genres g ON t.GenreId = g.GenreId
WHERE t.Milliseconds > 2000000;

```