

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

SQL 1

```

1 SELECT
2     i.InvoiceId,
3     i.InvoiceDate,
4     ii.InvoiceLineId AS InvoiceItemId,
5     ii.UnitPrice,
6     SUM(ii.UnitPrice) OVER (PARTITION BY ii.InvoiceId) AS total_da_fatura
7 FROM
8     invoices i
9 JOIN
10    invoice_items ii ON i.InvoiceId = ii.InvoiceId;
11

```

	InvoiceId	InvoiceDate	InvoiceItemId	UnitPrice	total_da_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
	-	- - - - -	-	- - -	- - - - -

Execução finalizada sem erros.

Resultado: 922880 linhas retornadas em 1480 ms

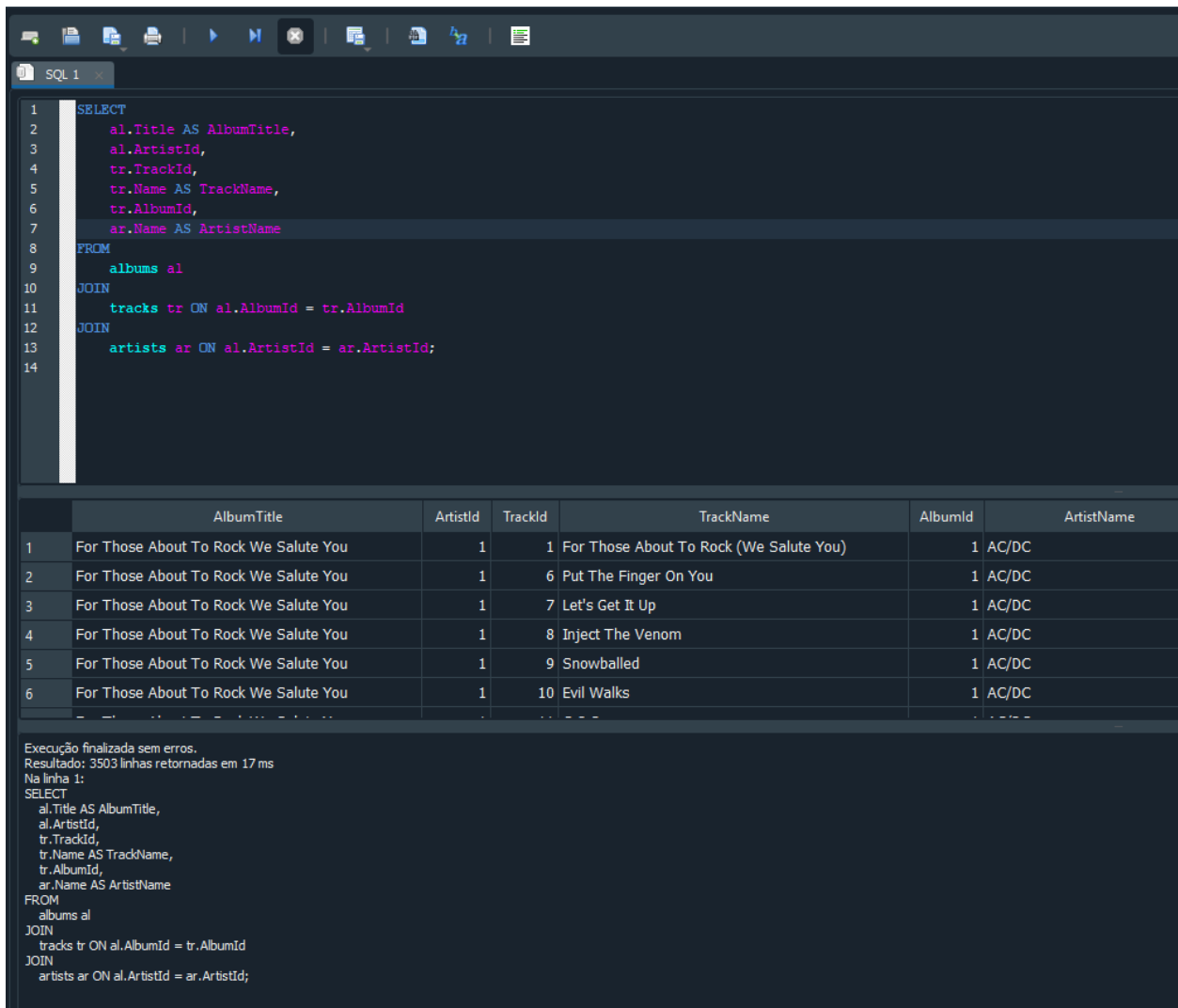
Na linha 1:

```

SELECT
    i.InvoiceId,
    i.InvoiceDate,
    ii.InvoiceLineId AS InvoiceItemId,
    ii.UnitPrice,
    SUM(ii.UnitPrice) OVER (PARTITION BY ii.InvoiceId) AS total_da_fatura
FROM
    invoices i
JOIN
    invoice_items ii ON i.InvoiceId = ii.InvoiceId;

```

2) Listar os seguinte dados das tabelas: albums (Title, Artistid), tracks (Trackid, Name, Albumid), artists(Name). Usar o join fazendo a ligação entre a chave primária e a chave estrangeira.



The screenshot shows a SQL IDE window with a query editor and a results pane. The query is a SELECT statement with three JOINs: albums (al), tracks (tr), and artists (ar). The results pane shows the execution status and the first line of the result set.

```

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

```

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

Execução finalizada sem erros.
Resultado: 3503 linhas retornadas em 17 ms
Na linha 1:
SELECT
al.Title AS AlbumTitle,
al.ArtistId,
tr.TrackId,
tr.Name AS TrackName,
tr.AlbumId,
ar.Name AS ArtistName
FROM
albums al
JOIN
tracks tr ON al.AlbumId = tr.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 entre 100000 e 400000.

DB Browser for SQLite - C:\Users\Alunos\Downloads\chinook (1).db

Arquivo Editar Exibir Ferramentas Ajuda

Novo banco de dados Abrir banco de dados Escrever modificações Reverter modificações Abrir projeto Salvar projeto

Estrutura do banco de dados Navegar dados Editar pragmas Executar SQL

SQL 1

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

	TrackId	TrackName	Milliseconds	MediaTypeId	MediaTypeName	GenreId	GenreName
1	1	For Those About To Rock (We Salute You)	343719	1	MPEG audio file	1	Rock
2	2	Balls to the Wall	342562	2	Protected AAC audio file	1	Rock
3	3	Fast As a Shark	230619	2	Protected AAC audio file	1	Rock
4	4	Restless and Wild	252051	2	Protected AAC audio file	1	Rock
5	5	Princess of the Dawn	375418	2	Protected AAC audio file	1	Rock
6	6	Put The Finger On You	205662	1	MPEG audio file	1	Rock

Execução finalizada sem erros.
Resultado: 2970 linhas retornadas em 21 ms
Na linha 1:
SELECT
t.TrackId,
t.Name AS TrackName,
t.Milliseconds,
mt.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 BETWEEN 100000 AND 400000;