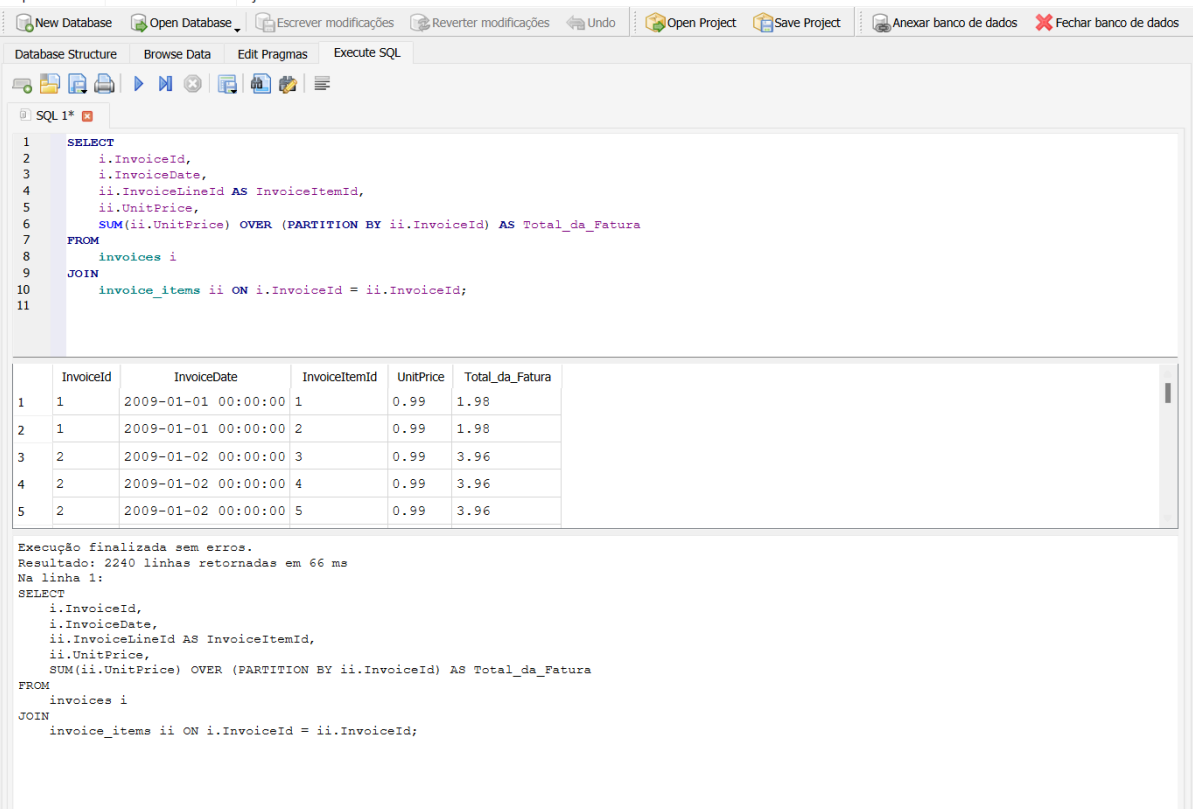


# Prova-prática-01

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respostas:

1)



The screenshot shows a SQL IDE interface with a menu bar (Arquivo, Editar, Exibir, Ferramentas, Ajuda) and a toolbar. The main window displays a SQL query and its execution results. The query is as follows:

```
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
```

The results are displayed in a table with 6 columns: InvoiceId, InvoiceDate, InvoiceItemId, UnitPrice, and Total\_da\_Fatura. The table contains 5 rows of data:

	InvoiceId	InvoiceDate	InvoiceItemId	UnitPrice	Total_da_Fatura
1	1	2009-01-01 00:00:00	1	0.99	1.98
2	1	2009-01-01 00:00:00	2	0.99	1.98
3	2	2009-01-02 00:00:00	3	0.99	3.96
4	2	2009-01-02 00:00:00	4	0.99	3.96
5	2	2009-01-02 00:00:00	5	0.99	3.96

Below the table, the execution status is shown: "Execução finalizada sem erros. Resultado: 2240 linhas retornadas em 66 ms". The SQL query is repeated below this status.

2)

Arquivo Editar Exibir Ferramentas Ajuda

New Database Open Database Escrever modificações Reverter modificações Undo Open Project Save Project Anexar banco de dados Fechar banco de dados

Database Structure Browse Data Edit Pragmas Execute SQL

SQL 1\*

```

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  FROM
9      tracks t
10 JOIN
11     albums al ON t.AlbumId = al.AlbumId
12 JOIN
13     artists ar ON al.ArtistId = ar.ArtistId;
14

```

	TrackId	TrackName	AlbumId	AlbumTitle	ArtistId	ArtistName
1	1	For Those About To Rock (We Salute ...	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

Execução finalizada sem erros.  
Resultado: 3503 linhas retornadas em 40 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)

Arquivo Editar Exibir Ferramentas Ajuda

New Database Open Database Escrever modificações Reverter modificações Undo Open Project Save Project Anexar banco de dados Fechar banco de dados

Database Structure Browse Data Edit Pragmas Execute 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 > 2000000;

```

	TrackId	TrackName	Milliseconds	MediaTypeId	MediaTypeName	GenreId	GenreName
1	2819	Battlestar Galactica: The Story So ...	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

Execução finalizada sem erros.  
Resultado: 160 linhas retornadas em 26 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 > 2000000;

