PROVA PRÁTICA 2 BANCO DE DADOS 2025
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1.

SQL 1*

```sql
1   SELECT
2       invoices.InvoiceId,
3       invoices.InvoiceDate,
4       invoice_items.InvoiceLineId,
5       invoice_items.UnitPrice,
6       total_faturas.total_da_fatura
7   FROM
8       invoices
9   JOIN
10      invoice_items ON invoices.InvoiceId = invoice_items.InvoiceId
11  JOIN (
12      SELECT
13          InvoiceId,
14          SUM(UnitPrice * Quantity) AS total_da_fatura
15      FROM
16          invoice_items
17      GROUP BY
18          InvoiceId
19  ) total_faturas ON invoices.InvoiceId = total_faturas.InvoiceId;
20
```

	InvoiceId	InvoiceDate	InvoiceLineId	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
6	2	2009-01-02 00:00:00	6	0.99	3.96
7	3	2009-01-03 00:00:00	7	0.99	5.94

2.

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

	Title	ArtistId	TrackId	TrackName	AlbumId	ArtistName
1	For Those About To Rock We Salute You	1	1	For Those About To Rock (We Salute …	1	AC/DC
2	For Those About To Rock We Salute You	1	2	Balls to the Wall	2	AC/DC
3	For Those About To Rock We Salute You	1	3	Fast As a Shark	3	AC/DC
4	For Those About To Rock We Salute You	1	4	Restless and Wild	3	AC/DC
5	For Those About To Rock We Salute You	1	5	Princess of the Dawn	3	AC/DC
6	For Those About To Rock We Salute You	1	6	Put The Finger On You	1	AC/DC
7	For Those About To Rock We Salute You	1	7	Let's Get It Up	1	AC/DC

```
Execução finalizada sem erros.
Resultado: 1215541 linhas retornadas em 332 ms
Na linha 1:
SELECT
```

3.

SQL 1* ✖

```sql
1    SELECT
2    tracks.TrackId,
3    tracks.name as trackname,
4    tracks.Milliseconds,
5    media_types.MediaTypeId,
6    media_types.Name as mediatypename
7
8    FROM tracks
9    join media_types on tracks.MediaTypeId = media_types.MediaTypeId
10   join genres on tracks.GenreId = genres.GenreId
11   WHERE tracks.Milliseconds between 100000 and 400000
12
```

	TrackId	trackname	Milliseconds	MediaTypeId	mediatypename
1	1	For Those About To Rock (We Salute …	343719	1	MPEG audio file
2	2	Balls to the Wall	342562	2	Protected AAC audio file
3	3	Fast As a Shark	230619	2	Protected AAC audio file
4	4	Restless and Wild	252051	2	Protected AAC audio file
5	5	Princess of the Dawn	375418	2	Protected AAC audio file
6	6	Put The Finger On You	205662	1	MPEG audio file
7	7	Let's Get It Up	233926	1	MPEG audio file

```
Execução finalizada sem erros.
Resultado: 2970 linhas retornadas em 128 ms
Na linha 1:
SELECT
tracks.TrackId,
```