Prova Prática 02 - Banco de Dados

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turma: P4 informática

1. Questão

```
SQL 1*  ❌

1    SELECT
2        invoices.InvoiceId,
3        invoices.InvoiceDate,
4        invoice_items.InvoiceLineId,
5        SUM(invoice_items.UnitPrice) AS total_da_fatura
6    FROM
7        invoices
8    JOIN
9        invoice_items ON invoices.InvoiceId = invoice_items.InvoiceId
10   GROUP BY
11       invoices.InvoiceId;
12
13
14
```

	InvoiceId	InvoiceDate	InvoiceLineId	total_da_fatura
1	1	2009-01-01 00:00:00	1	1.98
2	2	2009-01-02 00:00:00	3	3.96
3	3	2009-01-03 00:00:00	7	5.94
4	4	2009-01-06 00:00:00	13	8.91
5	5	2009-01-11 00:00:00	22	13.86
6	6	2009-01-19 00:00:00	36	0.99
7	7	2009-02-01 00:00:00	37	1.98
8	8	2009-02-01 00:00:00	39	1.98

```
Execução finalizada sem erros.
Resultado: 412 linhas retornadas em 38 ms
Na linha 1:
SELECT
    invoices.InvoiceId,
    invoices.InvoiceDate,
        invoice_items.InvoiceLineId,
    SUM(invoice_items.UnitPrice) AS total_da_fatura
FROM
    invoices
JOIN
    invoice_items ON invoices.InvoiceId = invoice_items.InvoiceId
GROUP BY
    invoices.InvoiceId;
```

2. Questão

```
SQL 1*
1    SELECT
2        tracks.TrackId,
3        tracks.Name,
4        tracks.AlbumId,
5        albums.Title,
6        artists.Name,
7        albums.ArtistId
8
9    FROM tracks
10
11   JOIN albums ON  albums.AlbumId = tracks.AlbumId
12
13   JOIN artists ON  artists.ArtistId = albums.ArtistId
14
15
```

	TrackId	Name	AlbumId	Title	Name	ArtistId
1	1	For Those About To Rock (We Salute …	1	For Those About To Rock We Salute You	AC/DC	1
2	6	Put The Finger On You	1	For Those About To Rock We Salute You	AC/DC	1
3	7	Let's Get It Up	1	For Those About To Rock We Salute You	AC/DC	1
4	8	Inject The Venom	1	For Those About To Rock We Salute You	AC/DC	1
5	9	Snowballed	1	For Those About To Rock We Salute You	AC/DC	1
6	10	Evil Walks	1	For Those About To Rock We Salute You	AC/DC	1
7	11	C.O.D.	1	For Those About To Rock We Salute You	AC/DC	1
8	12	Breaking The Rules	1	For Those About To Rock We Salute You	AC/DC	1

```
Execução finalizada sem erros.
Resultado: 3503 linhas retornadas em 110 ms
Na linha 1:
SELECT
tracks.TrackId,
tracks.Name,
tracks.AlbumId,
albums.Title,
artists.Name,
albums.ArtistId

FROM tracks

JOIN albums ON  albums.AlbumId = tracks.AlbumId
```
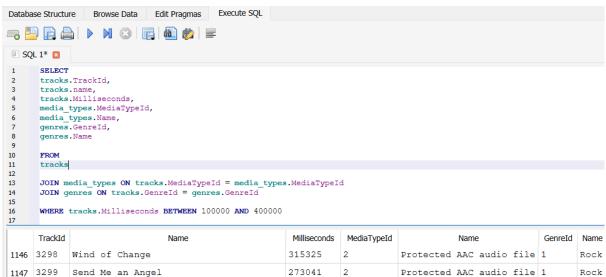
3. questão

SQL 1*

```sql
SELECT
    tracks.TrackId,
    tracks.name,
    tracks.Milliseconds,
    media_types.MediaTypeId,
    media_types.Name,
    genres.GenreId,
    genres.Name

FROM
    tracks

JOIN media_types ON tracks.MediaTypeId = media_types.MediaTypeId
JOIN genres ON tracks.GenreId = genres.GenreId

WHERE tracks.Milliseconds BETWEEN 100000 AND 400000
```

	TrackId	Name	Milliseconds	MediaTypeId	Name	GenreId	Name
1146	3298	Wind of Change	315325	2	Protected AAC audio file	1	Rock
1147	3299	Send Me an Angel	273041	2	Protected AAC audio file	1	Rock
1148	3353	I Guess You're Right	212044	5	AAC audio file	1	Rock
1149	3355	Love Comes	199923	5	AAC audio file	1	Rock
1150	63	Desafinado	185338	1	MPEG audio file	2	Jazz
1151	64	Garota De Ipanema	285048	1	MPEG audio file	2	Jazz
1152	65	Samba De Uma Nota Só (One Note Samba)	137273	1	MPEG audio file	2	Jazz
1153	66	Por Causa De Você	169900	1	MPEG audio file	2	Jazz

```
Execução finalizada sem erros.
Resultado: 2970 linhas retornadas em 23 ms
Na linha 1:
SELECT
tracks.TrackId,
tracks.name,
tracks.Milliseconds,
media_types.MediaTypeId,
media_types.Name,
genres.GenreId,
genres.Name

FROM
tracks
```