

# Prova prática de Banco de Dados

## Aluno: Dylan Mesquita de Melo

1) Listar os seguinte dados das tabelas: invoices (InvoiceId, invoiceDate), invoice\_items (Invoiceitemid,unitprice), total\_da\_fatura (resultado do somatório de todos os unitprice).

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

	InvoiceId	InvoiceDate	total_da_fatura
1	1	2009-01-01 00:00:00	1.98
2	2	2009-01-02 00:00:00	3.96
3	3	2009-01-03 00:00:00	5.94
4	4	2009-01-06 00:00:00	8.91
5	5	2009-01-11 00:00:00	13.86
6	6	2009-01-19 00:00:00	0.99
7	7	2009-02-01 00:00:00	1.98
8	8	2009-02-01 00:00:00	1.98
9	9	2009-02-02 00:00:00	3.96
10	10	2009-02-03 00:00:00	5.94
11	11	2009-02-06 00:00:00	8.91
12	12	2009-02-11 00:00:00	13.86
13	13	2009-02-19 00:00:00	0.99

Questões 2 e 3 nas páginas seguintes.

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

```
1 SELECT
2     tracks.TrackId,
3     tracks.Name AS TrackName,
4     tracks.AlbumId,
5     albums.Title AS AlbumTitle,
6     albums.ArtistId,
7     artists.Name AS ArtistName
8 FROM
9     tracks
10 JOIN
11     albums ON tracks.AlbumId = albums.AlbumId
12 JOIN
13     artists ON albums.ArtistId = artists.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
6	10	Evil Walks	1	For Those About To Rock We Salute You	1	AC/DC
7	11	C.O.D.	1	For Those About To Rock We Salute You	1	AC/DC
8	12	Breaking The Rules	1	For Those About To Rock We Salute You	1	AC/DC
9	13	Night Of The Long Knives	1	For Those About To Rock We Salute You	1	AC/DC
10	14	Spellbound	1	For Those About To Rock We Salute You	1	AC/DC
11	2	Balls to the Wall	2	Balls to the Wall	2	Accept
12	3	Fast As a Shark	3	Restless and Wild	2	Accept
13	4	Restless and Wild	3	Restless and Wild	2	Accept
14	5	Princess of the Dawn	3	Restless and Wild	2	Accept
15	15	Go Down	4	Let There Be Rock	1	AC/DC

Questão 3 na página seguinte.

# Prova prática de Banco de Dados

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

```
1  SELECT
2      tracks.TrackId,
3      tracks.Name AS TrackName,
4      tracks.Milliseconds,
5      media_types.MediaTypeId,
6      media_types.Name AS MediaTypeName,
7      genres.GenreId,
8      genres.Name AS GenreName
9  FROM
10     tracks
11  JOIN
12     media_types ON tracks.MediaTypeId = media_types.MediaTypeId
13  JOIN
14     genres ON tracks.GenreId = genres.GenreId
15  WHERE
16     tracks.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
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
7	2830	Rapture	2624541	3	Protected MPEG-4 video file	18	Science Fiction
8	2831	Taking a Break from All Your Worries	2624207	3	Protected MPEG-4 video file	18	Science Fiction
9	2832	The Woman King	2626376	3	Protected MPEG-4 video file	18	Science Fiction
10	2833	A Day In the Life	2620245	3	Protected MPEG-4 video file	18	Science Fiction
11	2834	Dirty Hands	2627961	3	Protected MPEG-4 video file	18	Science Fiction
12	2835	Maelstrom	2622372	3	Protected MPEG-4 video file	18	Science Fiction
13	2836	The Son Also Rises	2621830	3	Protected MPEG-4 video file	18	Science Fiction
14	2837	Operation / Russian	2622052	3	Protected MPEG-4 video file	18	Science Fiction