

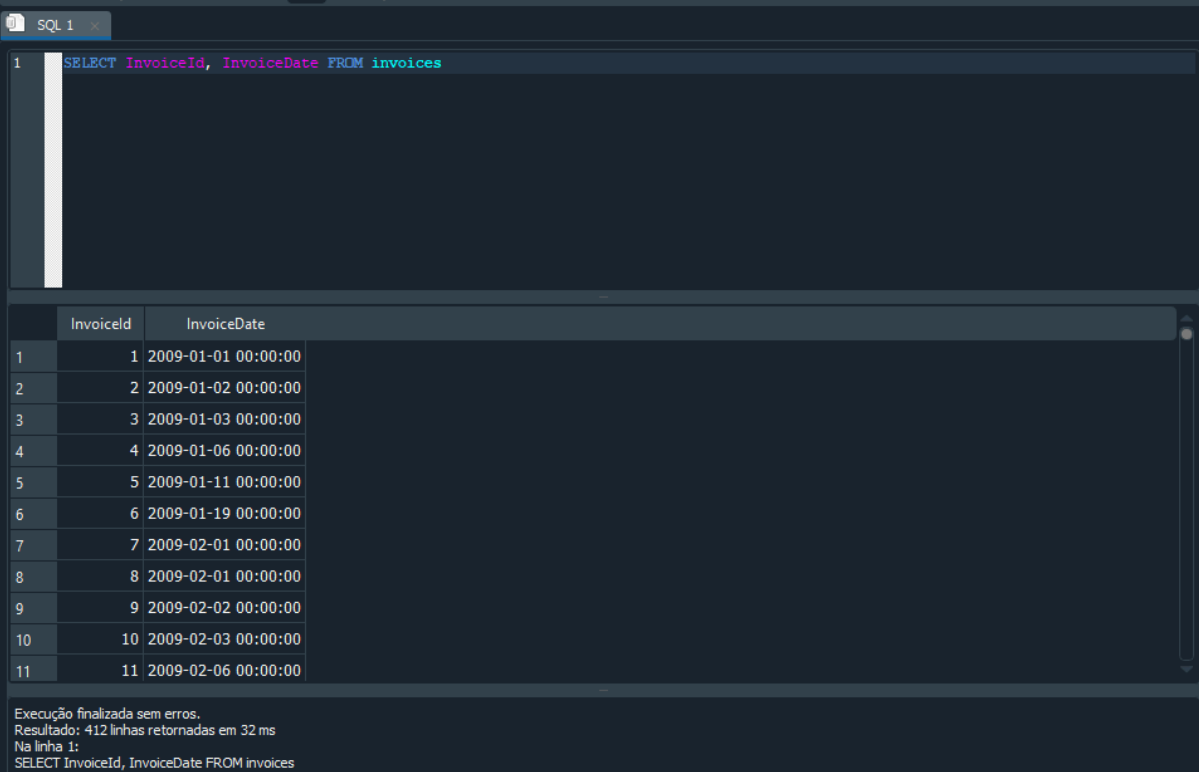
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Curso: P4 - Informática

Prova Prática

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).

- Tabela invoices



```
1 SELECT InvoiceId, InvoiceDate FROM invoices
```

	InvoiceId	InvoiceDate
1	1	2009-01-01 00:00:00
2	2	2009-01-02 00:00:00
3	3	2009-01-03 00:00:00
4	4	2009-01-06 00:00:00
5	5	2009-01-11 00:00:00
6	6	2009-01-19 00:00:00
7	7	2009-02-01 00:00:00
8	8	2009-02-01 00:00:00
9	9	2009-02-02 00:00:00
10	10	2009-02-03 00:00:00
11	11	2009-02-06 00:00:00

Execução finalizada sem erros.
Resultado: 412 linhas retornadas em 32 ms
Na linha 1:
SELECT InvoiceId, InvoiceDate FROM invoices

- Tabela invoice_items

SQL 1		
1 SELECT InvoiceLineId, UnitPrice FROM invoice_items		
	InvoiceLineId	UnitPrice
1	1	0.99
2	2	0.99
3	3	0.99
4	4	0.99
5	5	0.99
6	6	0.99
7	7	0.99
8	8	0.99
9	9	0.99
10	10	0.99
11	11	0.99
Execução finalizada sem erros. Resultado: 2240 linhas retornadas em 50 ms Na linha 1: SELECT InvoiceLineId, UnitPrice FROM invoice_items		

- total_da_fatura

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.

- albums

SQL 1		
1	SELECT Title, ArtistId FROM albums	
	Title	ArtistId
1	For Those About To Rock We Salute You	1
2	Balls to the Wall	2
3	Restless and Wild	2
4	Let There Be Rock	1
5	Big Ones	3
6	Jagged Little Pill	4
7	Facelift	5
8	Warner 25 Anos	6
9	Plays Metallica By Four Cellos	7
10	Audioslave	8
11	Out Of Exile	8
Execução finalizada sem erros. Resultado: 347 linhas retornadas em 24 ms Na linha 1: SELECT Title, ArtistId FROM albums		

- tracks

1	SELECT TrackId, name, AlbumId FROM tracks		
	TrackId	Name	AlbumId
1	1	For Those About To Rock (We Salute You)	1
2	2	Balls to the Wall	2
3	3	Fast As a Shark	3
4	4	Restless and Wild	3
5	5	Princess of the Dawn	3
6	6	Put The Finger On You	1
7	7	Let's Get It Up	1
8	8	Inject The Venom	1
9	9	Snowballed	1
10	10	Evil Walks	1
11	11	C.O.D.	1
Execução finalizada sem erros. Resultado: 3503 linhas retornadas em 7 ms Na linha 1: SELECT TrackId, name, AlbumId FROM tracks			

- artists

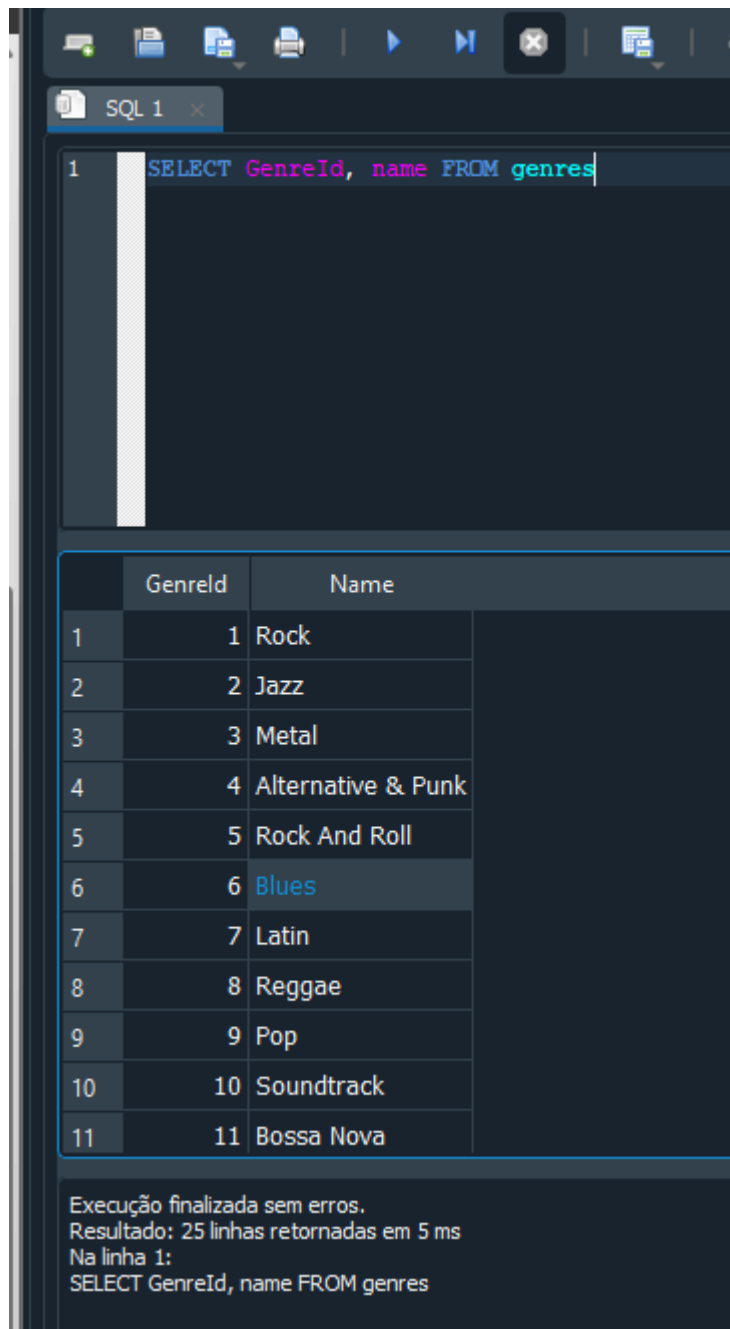
SQL 1		
1	SELECT name FROM artists	
	Name	
1	AC/DC	
2	Accept	
3	Aerosmith	
4	Alanis Morissette	
5	Alice In Chains	
6	Antônio Carlos Jobim	
7	Apocalyptica	
8	Audioslave	
9	BackBeat	
10	Billy Cobham	
11	Black Label Society	
Execução finalizada sem erros. Resultado: 275 linhas retornadas em 6 ms Na linha 1: SELECT name FROM artists		

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..

- Tracks

SQL 1			
1 SELECT TrackId, Name, Milliseconds FROM tracks			
	TrackId	Name	Milliseconds
1	1	For Those About To Rock (We Salute You)	343719
2	2	Balls to the Wall	342562
3	3	Fast As a Shark	230619
4	4	Restless and Wild	252051
5	5	Princess of the Dawn	375418
6	6	Put The Finger On You	205662
7	7	Let's Get It Up	233926
8	8	Inject The Venom	210834
9	9	Snowballed	203102
10	10	Evil Walks	263497
11	11	C.O.D.	199836
Execução finalizada sem erros. Resultado: 3503 linhas retornadas em 78 ms Na linha 1: SELECT TrackId, Name, Milliseconds FROM tracks			

- media_types



The screenshot shows a SQL IDE interface. At the top, there is a toolbar with icons for file operations, execution, and window management. Below the toolbar, a tab labeled 'SQL 1' is active. The main editor area contains a single SQL query: `SELECT GenreId, name FROM genres`. Below the editor, the results of the query are displayed in a table format. The table has two columns: 'GenreId' and 'Name'. It contains 11 rows of data. The row with 'GenreId' 6 and 'Name' 'Blues' is highlighted. At the bottom of the IDE, a status bar indicates that the execution was successful, returned 25 lines in 5 ms, and shows the first line of the query.

```
1 SELECT GenreId, name FROM genres
```

	GenreId	Name
1	1	Rock
2	2	Jazz
3	3	Metal
4	4	Alternative & Punk
5	5	Rock And Roll
6	6	Blues
7	7	Latin
8	8	Reggae
9	9	Pop
10	10	Soundtrack
11	11	Bossa Nova

Execução finalizada sem erros.
Resultado: 25 linhas retornadas em 5 ms
Na linha 1:
SELECT GenreId, name FROM genres

- Selecionar as tracks com Milliseconds entre 100000 e 400000

SQL 1			
1	SELECT name, AlbumId, Milliseconds FROM tracks WHERE Milliseconds BETWEEN 100000 AND 400000		
	Name	AlbumId	Milliseconds
1	For Those About To Rock (We Salute You)	1	343719
2	Balls to the Wall	2	342562
3	Fast As a Shark	3	230619
4	Restless and Wild	3	252051
5	Princess of the Dawn	3	375418
6	Put The Finger On You	1	205662
7	Let's Get It Up	1	233926
8	Inject The Venom	1	210834
9	Snowballed	1	203102
10	Evil Walks	1	263497
11	C.O.D.	1	199836
Execução finalizada sem erros. Resultado: 2970 linhas retornadas em 77 ms Na linha 1: SELECT name, AlbumId, Milliseconds FROM tracks WHERE Milliseconds BETWEEN 100000 AND 400000			