

# ***Acessando o Banco de Dados Mysql***

## ***Construindo Rotas***

***Usar a estrutura do projeto anterior***

***Usar o projeto Rotas como base***

***Alterar o arquivo package.json....***

***Criar pasta com o nome livros, colar o***

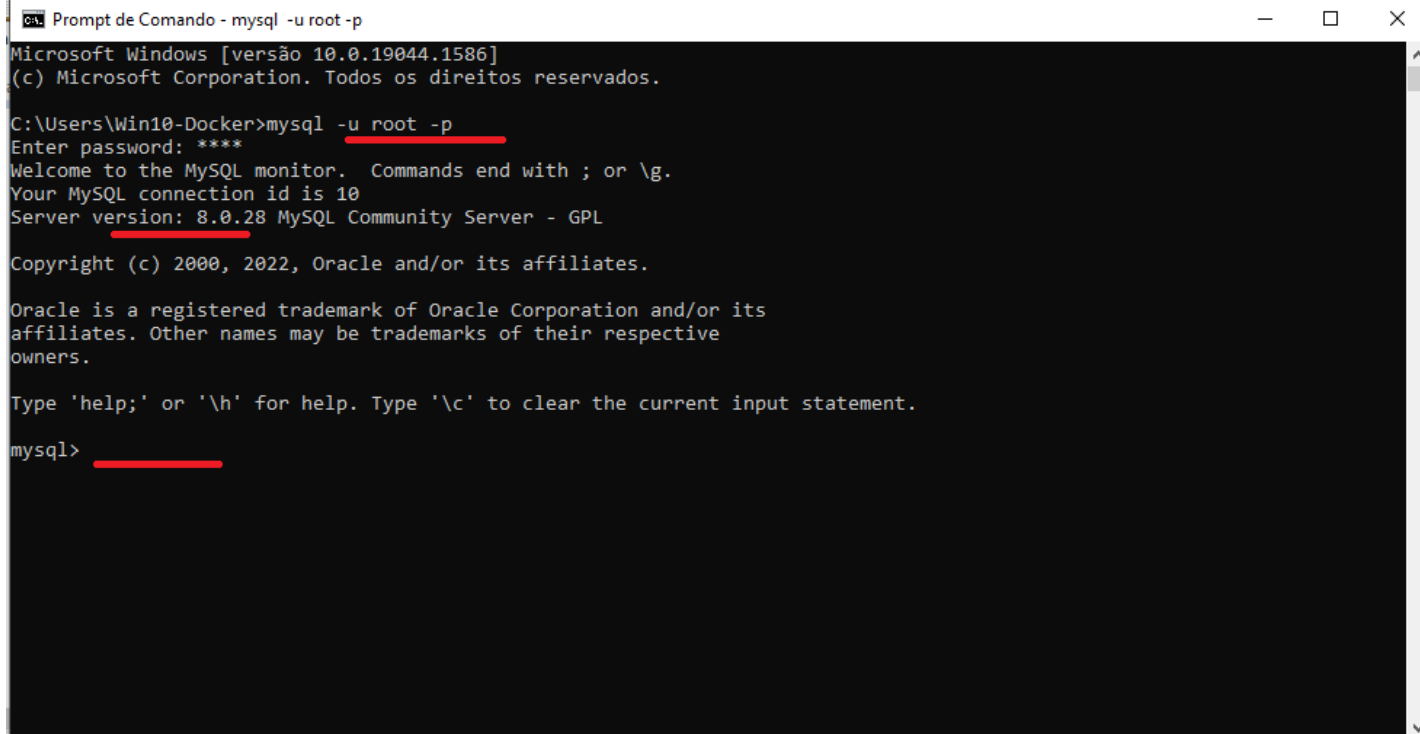
***projeto na pasta e renomear para backend***

## ***Executar o script do projeto livros***

- quatro tabelas serão criadas***
- editoras***
- autores***
- livros***
- usuarios***

# ***Executar o script em linha de comando***

## ***- Acessar o mysql***



```

C:\Users\Win10-Docker>mysql -u root -p
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.28 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> 
```

# ***Executar o script em linha de comando***

## ***- Verificar os bancos existentes***

```
Prompt de Comando - mysql -u root -p
Microsoft Windows [versão 10.0.19044.1586]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\Win10-Docker>mysql -u root -p
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.28 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| webiii |
+-----+
5 rows in set (0.27 sec)

mysql>
```

# ***Executar o script em linha de comando***

- Executar o script***
- criar uma pasta na raiz com nome script***
- copiar o arquivo script\_banco.sql***
- no terminal executar:***
- source \script\script\_banco.sql***

## *Executar o script em linha de comando*

```
Prompt de Comando - mysql -u root -p

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| webiii |
+-----+
5 rows in set (0.27 sec)

mysql> 
mysql> source \script\script_banco.sql
Query OK, 1 row affected (0.21 sec)

Database changed 
Query OK, 0 rows affected, 1 warning (0.04 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (2.10 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.17 sec)
```

## ***Executar o script em linha de comando***

- Consultar os bancos existentes***
- show databases;***
- caso queira limpar o terminal faça***
- system cls;***



## *Executar o script em linha de comando*

```
cmd Prompt de Comando - mysql -u root -p
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| webii-20221 |
| webiii |
+-----+
6 rows in set (0.12 sec)

mysql>
```

## ***Executar o script em linha de comando***

- Consultar as tabelas criadas***
- use [ nome do banco de dados ];***
- show tables;***

## ***Executar o script em linha de comando***

```
C:\> Prompt de Comando - mysql -u root -p

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| webii-20221 |
| webiii |
+-----+
6 rows in set (0.12 sec)

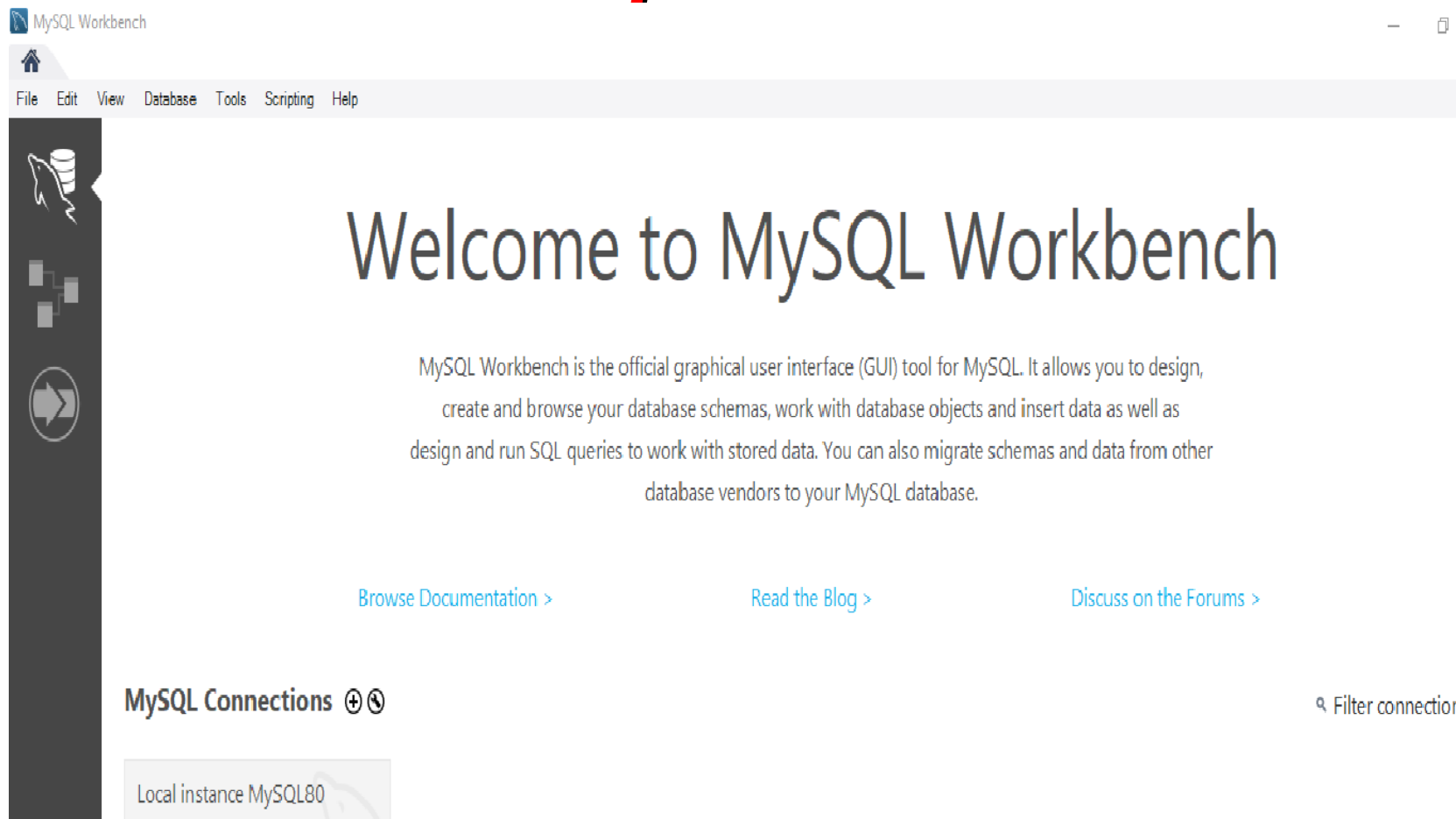
mysql> use webii-20221;
Database changed
mysql> show tables;
+-----+
| Tables_in_webii-20221 |
+-----+
| autores |
| editoras |
| livros |
| usuarios |
+-----+
4 rows in set (0.35 sec)

mysql>
```

## ***Executar o script em linha de comando***

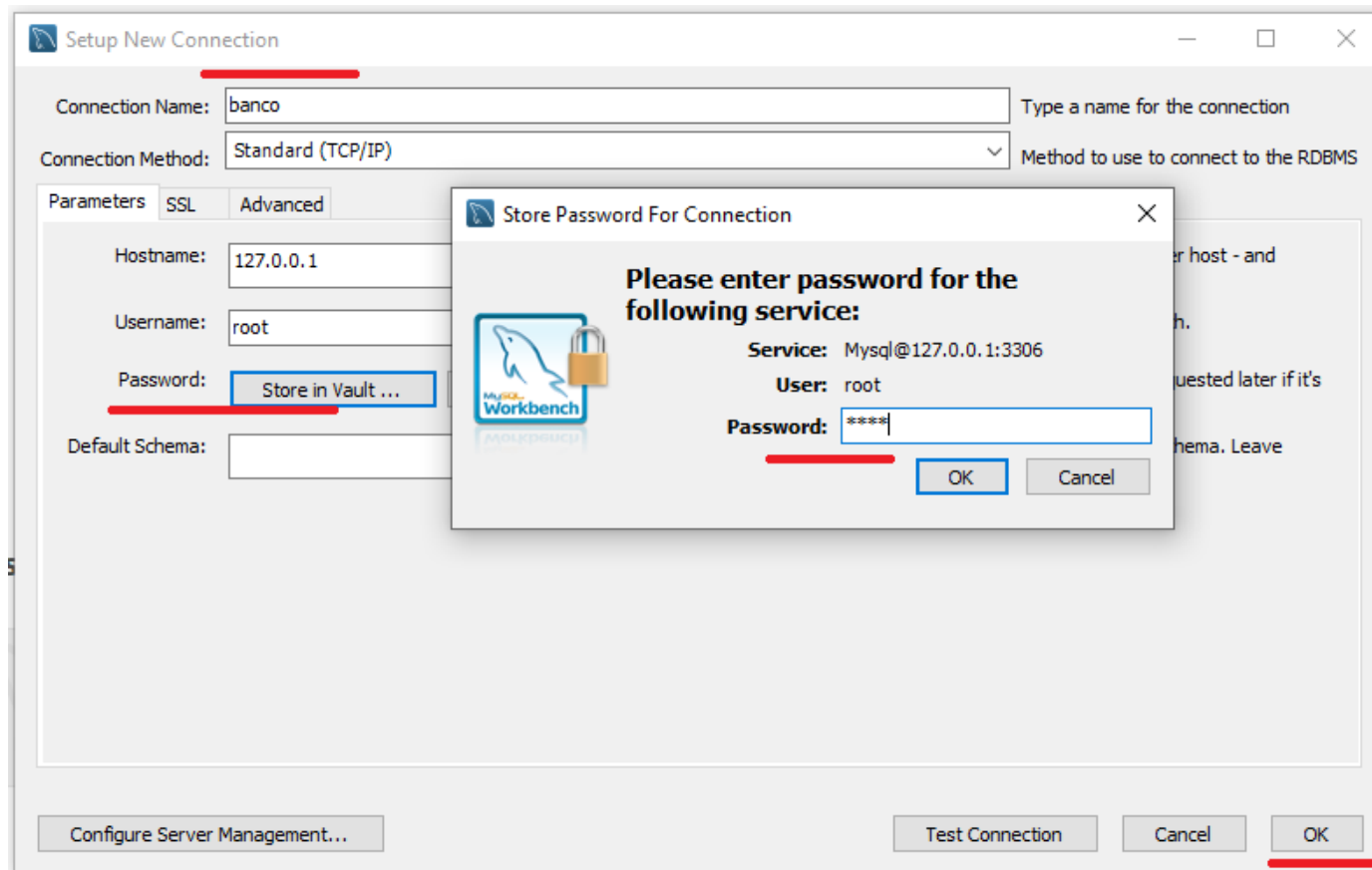
- ***Consultar o conteúdo das tabelas***
- ***select \* from editoras;***
- ***select \* from autores;***
- ***select \* from livros;***
- ***select \* from usuarios;***

# *Executar o script com Worchbench*

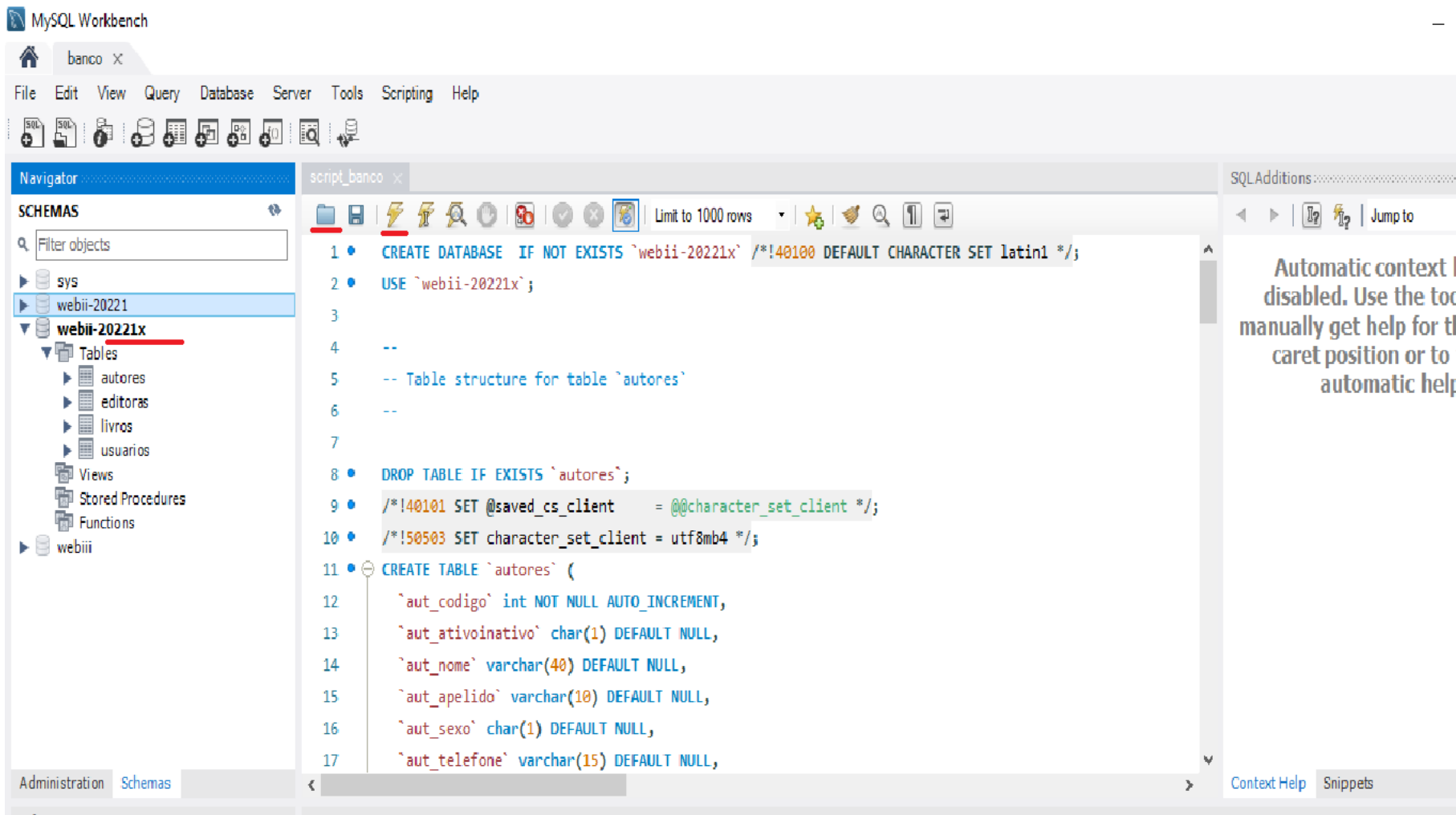


# ***Criar nova conexão***

## ***-- MySQL Connections +***



## Executar o script para criar o banco



The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with 'webii-20221' selected. The main editor window shows a script named 'script\_banco' with the following SQL code:

```
1 • CREATE DATABASE IF NOT EXISTS `webii-20221x` /*!40100 DEFAULT CHARACTER SET latin1 */;
2 • USE `webii-20221x`;
3
4 --
5 -- Table structure for table `autores`
6 --
7
8 • DROP TABLE IF EXISTS `autores`;
9 • /*!40101 SET @saved_cs_client = @@character_set_client */;
10 • /*!50503 SET character_set_client = utf8mb4 */;
11 • CREATE TABLE `autores` (
12     `aut_codigo` int NOT NULL AUTO_INCREMENT,
13     `aut_ativoinativo` char(1) DEFAULT NULL,
14     `aut_nome` varchar(40) DEFAULT NULL,
15     `aut_apelido` varchar(10) DEFAULT NULL,
16     `autsexo` char(1) DEFAULT NULL,
17     `aut_telefone` varchar(15) DEFAULT NULL,
```

The right sidebar shows a message: 'Automatic context help disabled. Use the too manually get help for th caret position or to t automatic help'.

# Consultar tabelas

MySQL Workbench

banco x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sys

webii-20221

webii-20221x

Tables

autoc

edit

livro

usu

Views

Stored F

Function

webii

script\_banco

autores

Limit to 1000 rows

1 • SELECT \* FROM `webii-20221x`.`autores`;

Select Rows - Limit 1000

Table Inspector

Copy to Clipboard

Table Data Export Wizard

Table Data Import Wizard

Send to SQL Editor

Create Table...

Create Table Like...

Alter Table...

Table Maintenance...

Drop Table...

Truncate Table...

Search Table Data...

Refresh All

Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

aut_codigo	aut_ativoinativo	aut_nome	aut_apelido	aut_sexo	aut_telefone	aut_email
I		Fernando Chinaglia	Fernando	M	11-5205-4907	
A		Aguinaldo Aragon Fernandes	Aguinaldo	M	21-2568-1507	
A		Vladimir Ferraz de Abreu	Vladimir	M	11-2148-1437	
A		Willian Stallings	Stallings	M		email@gmail.com
A		Costinha	Costinha	M	1191551088	Costinha@gmail.com
A		Magali	Ma	F	16	Ma@gmail.com
	NULL		NULL	NULL	NULL	NULL

Result Grid

Form Editor

Table: autores

Columns:

aut\_codigo int AI PK

aut\_ativoinativo char(1)

aut\_nome varchar(40)

aut\_apelido varchar(10)

aut\_sexo char(1)

aut\_telefone varchar(15)

aut\_email varchar(40)

Object Info Session

Administration

Information

SQL Snippets

Context Help

Apply Revert

Duration / Fetch

0.000 sec / 0.000 sec

6 row(s) returned

1 11:01:27 SELECT \* FROM `webii-20221x`.`autores` LIMIT 0, 1000

Message

Action

Time

#