

Banco de Dados

Criando o Modelo Físico no Workbench.



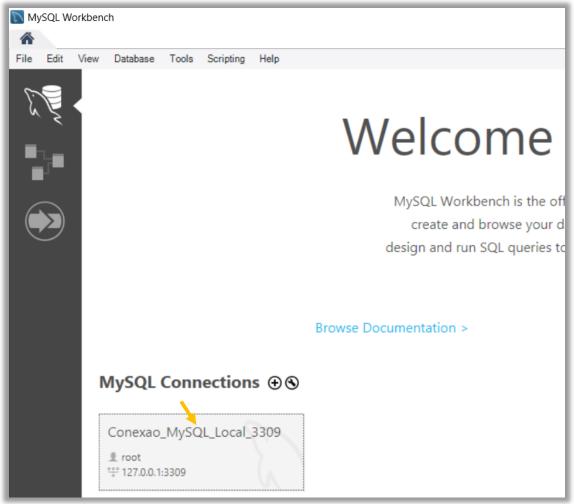
Roteiro

- Criando o Modelo Físico no Workbench:
 - Workbench:
 - Conexão com o MySQL;
 - Criando um Banco de Dados;
 - Tabelas e Relacionamentos;
 - Exibindo Dados da Tabela;
 - Excluindo Tabela;
 - Excluindo Bando de Dados;
 - Atividades.

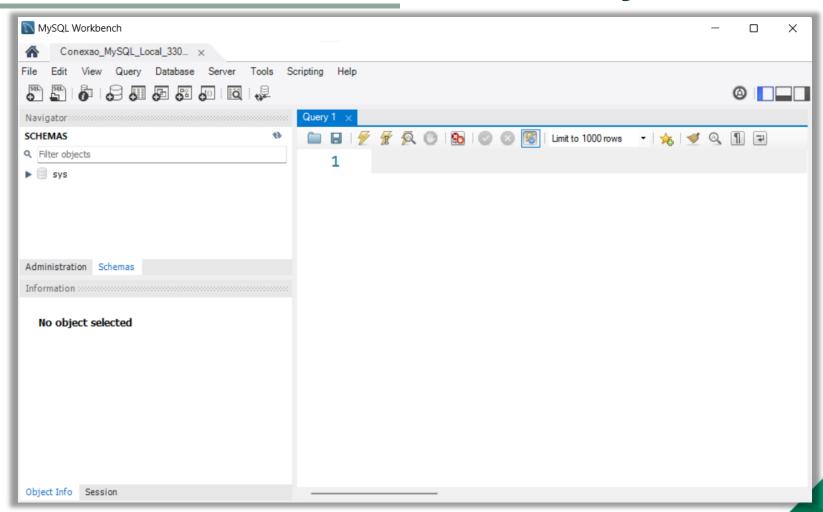


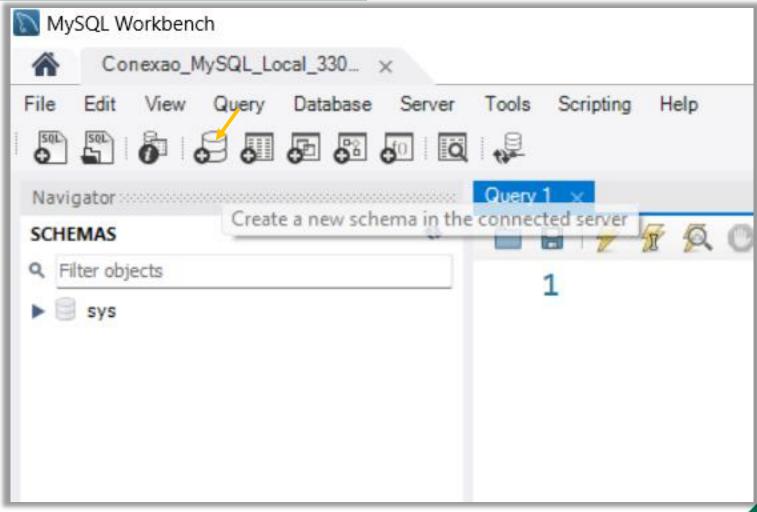


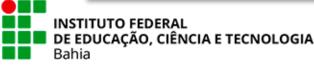
Workbench: Conexão com o MySQL

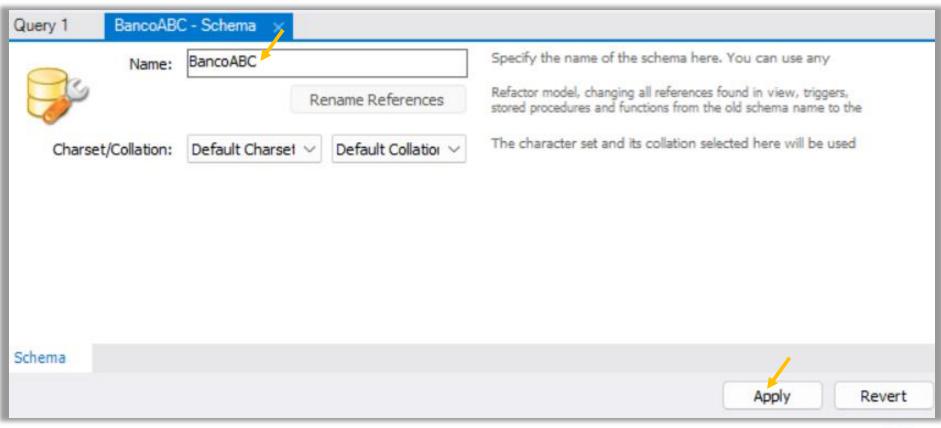


Workbench: Conexão com o MySQL



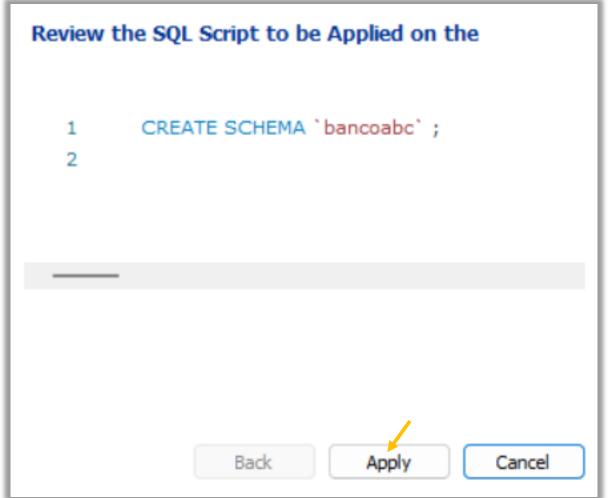


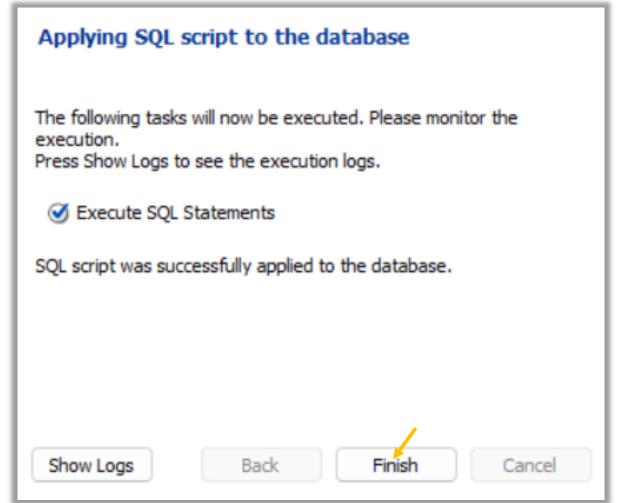


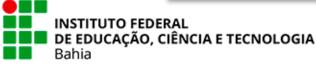


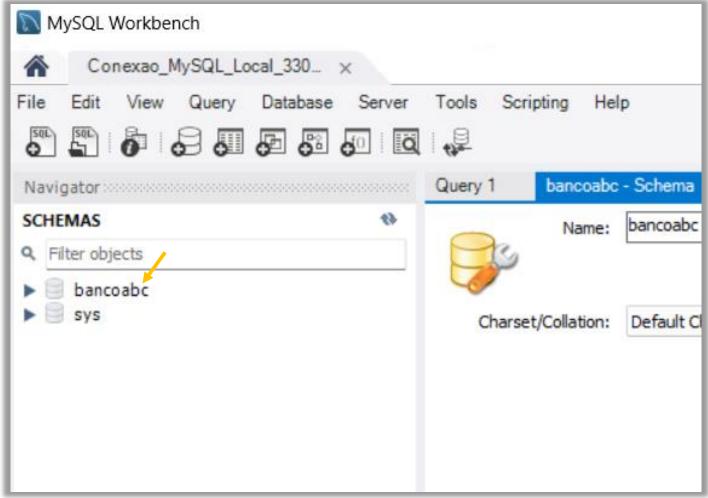


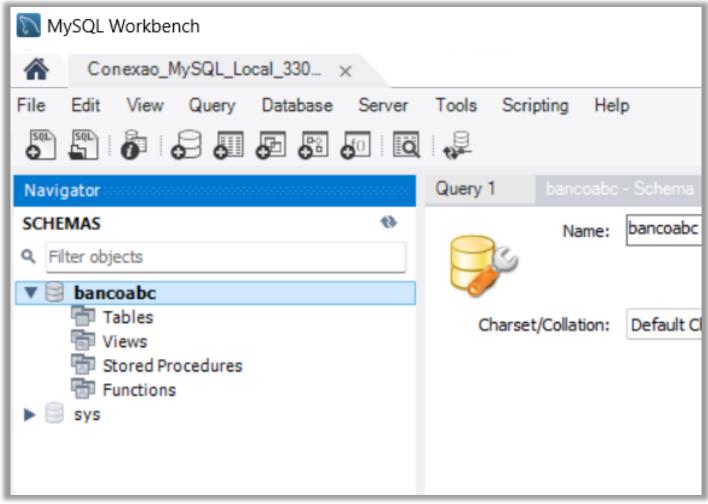


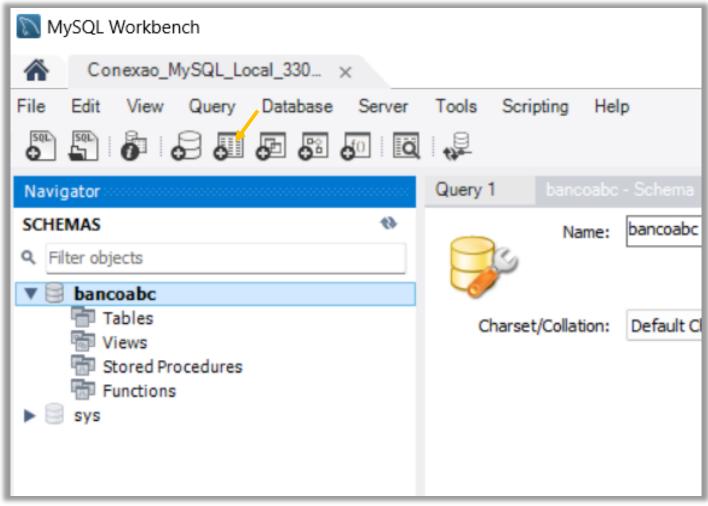






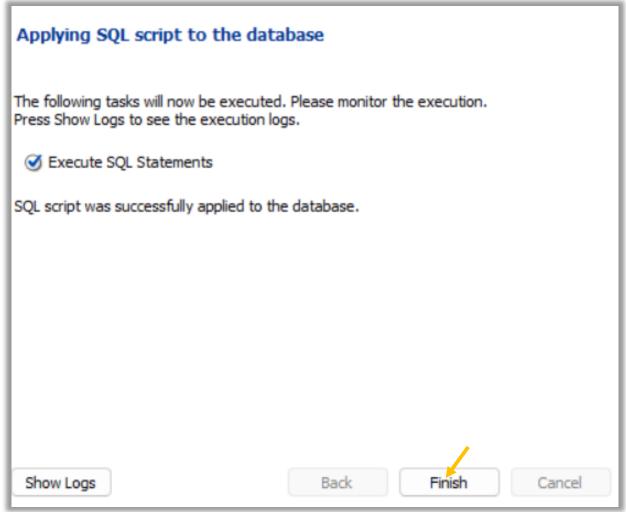


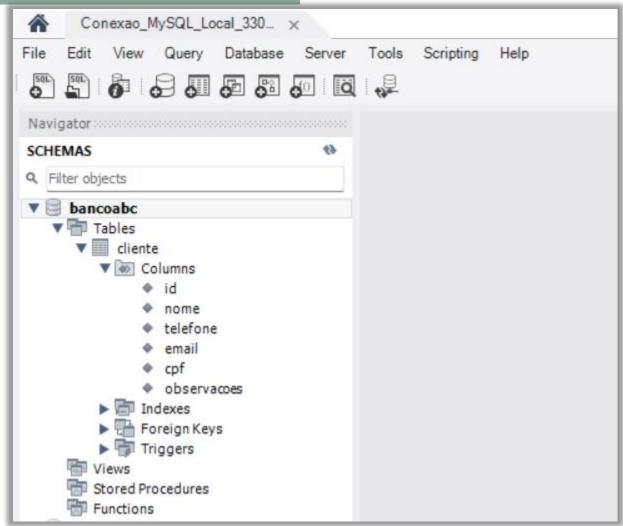


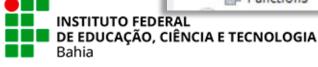


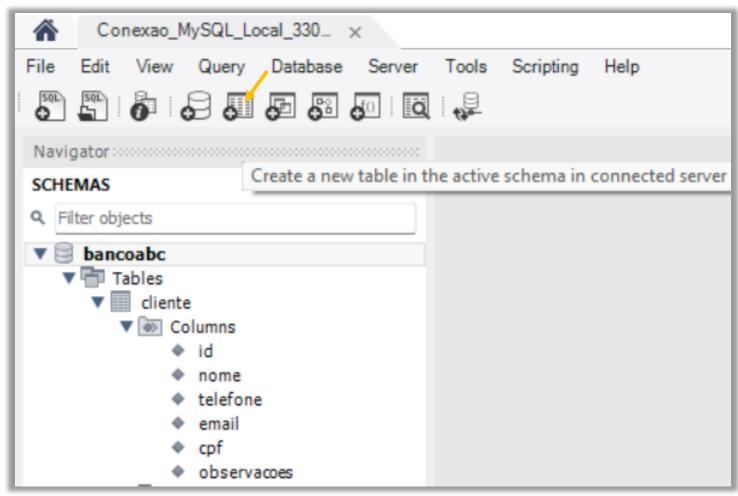
===	Table Name:	Cliente			Schema:	bancoabc			
	Charset/Collation:	Default Charset Default Collation			Engine:	InnoDB			~
	Comments:								•
Column Name id nome telefone email		Datatype INT VARCHAR(50) BIGINT VARCHAR(40)	PK NN	UQ B	UN ZF	AI G	Default/Expressi	ion	
cpfobservacoe	s	BIGINT VARCHAR(100)							
Column Nam	e: id		tion ∨	Data Typ Defa					
Comment	s:			Storag	ge: Virt	ual	Stored		
					Prim	nary Key	Not Null	Unique	
					Bina	ary	Unsigned	Zero Fill	
					Auto	o Increment	☐ Generated		
Columns Inde	xes Foreign Keys	Triggers Partition	ing Optio	ns				/	
								Apply	Revert

```
Review the SQL Script to be Applied on the Database
          CREATE TABLE 'bancoabc'. 'cliente' (
           "id" INT NOT NULL AUTO_INCREMENT,
           'nome' VARCHAR(50) NOT NULL,
           'telefone' BIGINT NOT NULL,
           'email' VARCHAR(40) NOT NULL,
           'cpf' BIGINT NOT NULL,
           'observacoes' VARCHAR(100) NOT NULL,
           PRIMARY KEY ('id'));
                                  Back
                                                           Cancel
                                               Apply
```



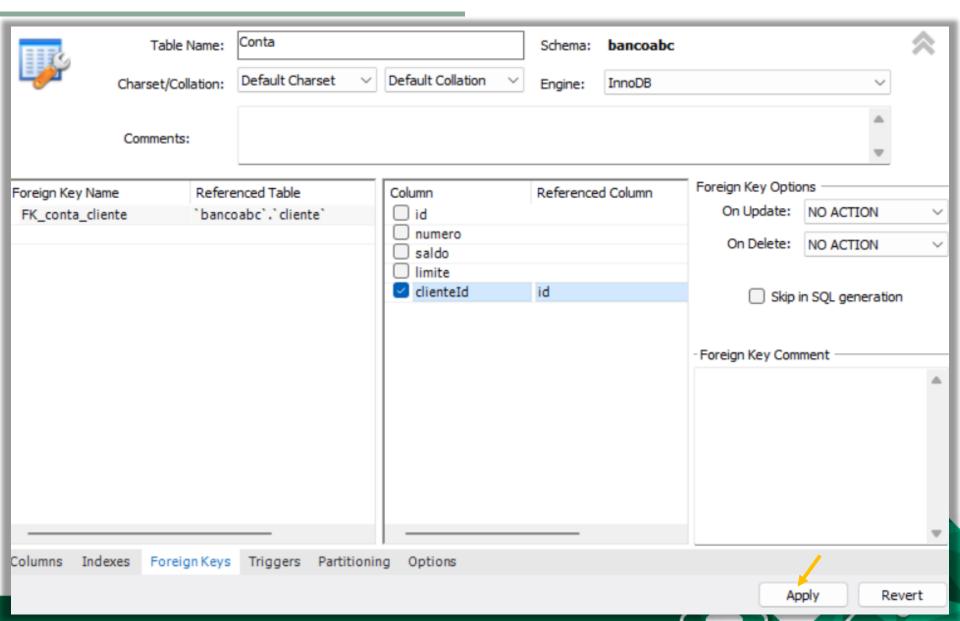






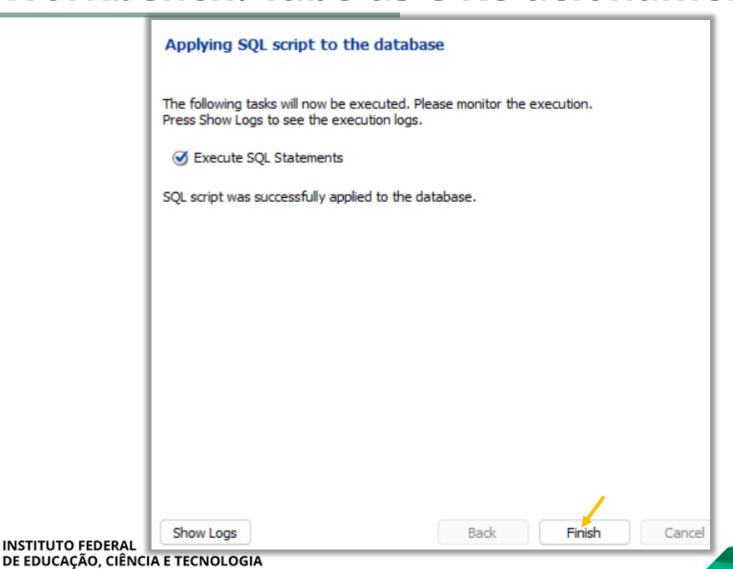


===	Table Name:	Conta				Schema:		bancoabc				\wedge	
	Charset/Collation:	Default Charset V Default Co		ollation V		Eng	Engine: InnoDE		InoDB		~		
	Comments:											△	
Column Name id id numero saldo limite clienteId		Datatype INT BIGINT DOUBLE DOUBLE INT		NN V	9	B	UN	ZF	AI G	Default/Expres	sion		
Column Name	n: Default Charse	t ∨ Defau	t Collation	n v		ata Typ Defau	lt:	INT					
Comment	s:					Storag	e: (Bina	ary Key	Stored Not Null Unsigned Generated	Unique Zero Fill		
Columns Index	es Foreign Keys	Triggers Pa	titioning	Option	ns								
											Apply	Re	vert

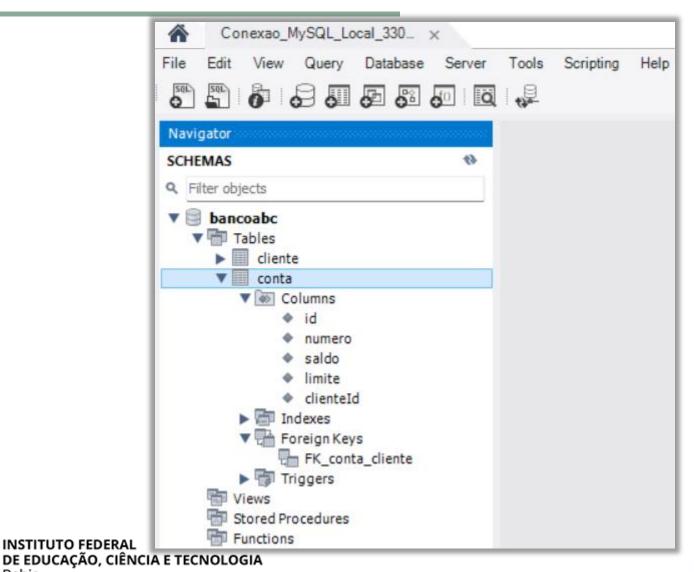


```
Review the SQL Script to be Applied on the Database
       ○ CREATE TABLE `bancoabc`.`conta` (
           'id' INT NOT NULL AUTO_INCREMENT,
           'numero' BIGINT NOT NULL,
   3
           'saldo' DOUBLE NOT NULL,
           'limite' DOUBLE NOT NULL,
           'clienteId' INT NOT NULL,
   6
           PRIMARY KEY ('id'),
           INDEX 'FK conta cliente idx' ('clienteId' ASC) VISIBLE,
   8
           CONSTRAINT 'FK_conta_cliente'
   9
            FOREIGN KEY ('clienteId')
  10
            REFERENCES 'bancoabc'.'cliente' ('id')
  11
            ON DELETE NO ACTION
  12
            ON UPDATE NO ACTION);
  13
                                                               Cancel
                                      Back
                                                  Apply
```



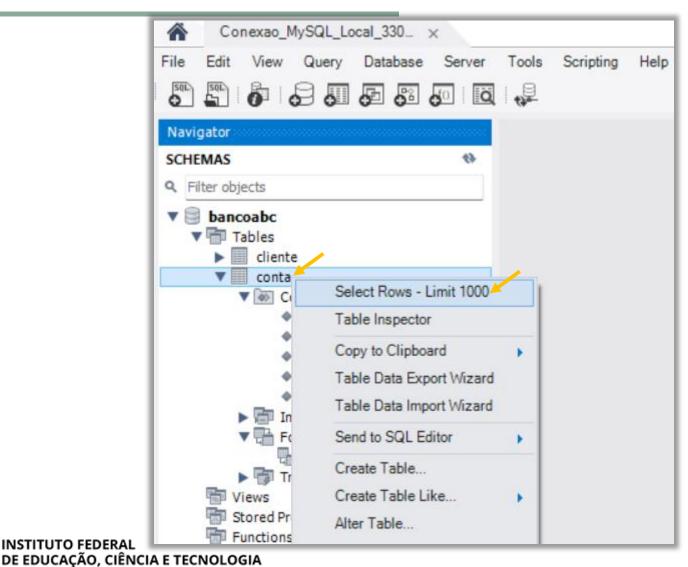


Bahia



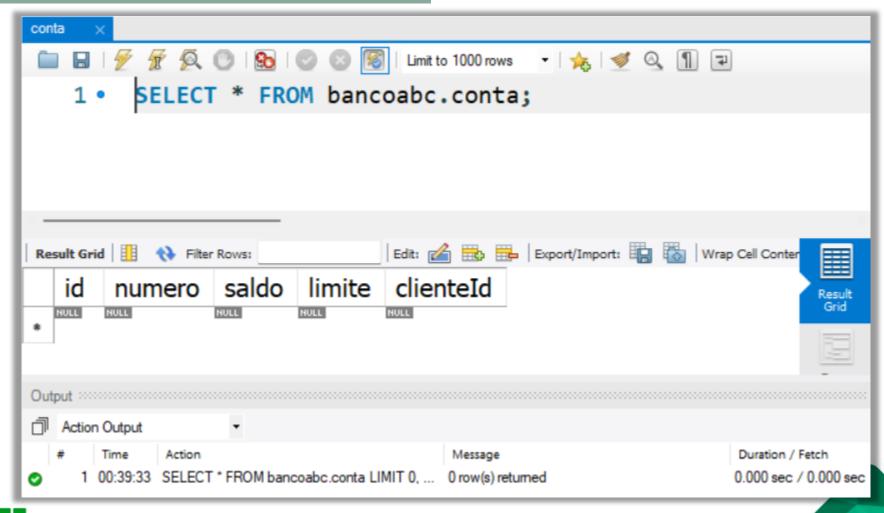


Workbench: Exibindo Dados da Tabela

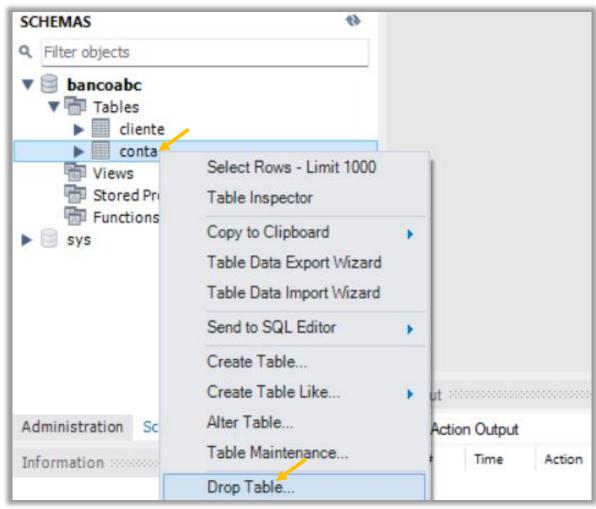


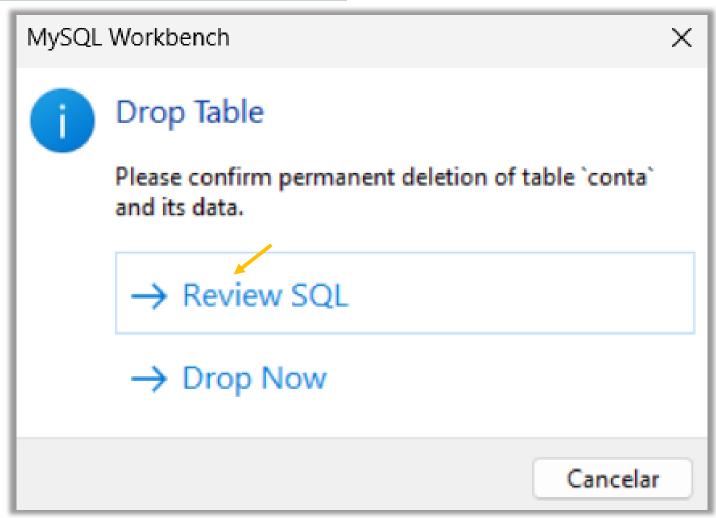


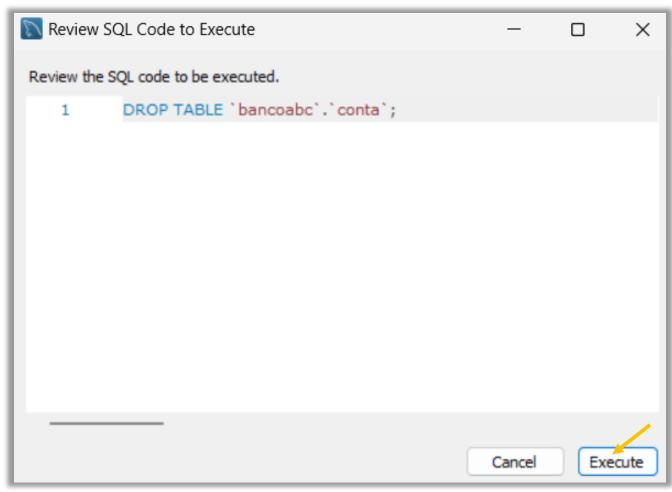
Workbench: Exibindo Dados da Tabela

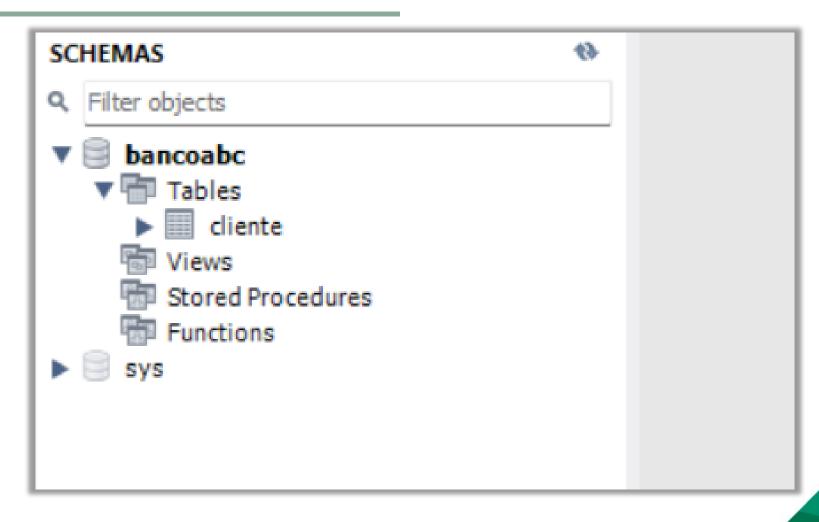


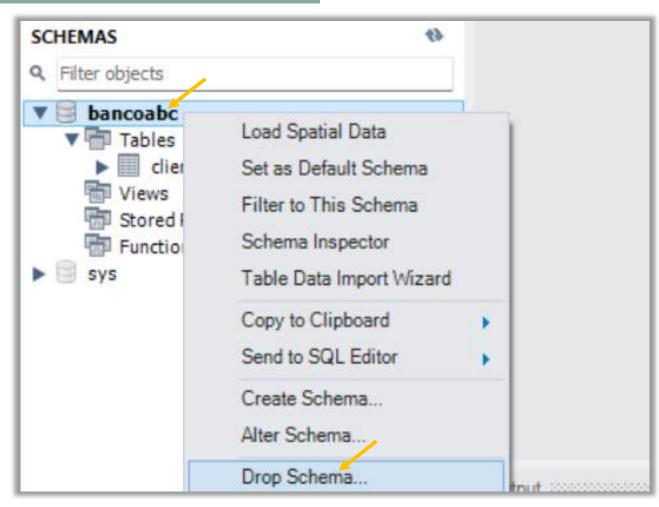


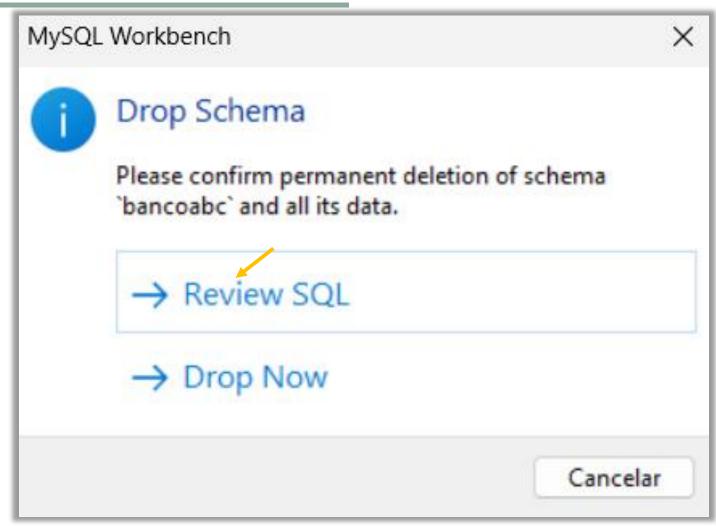


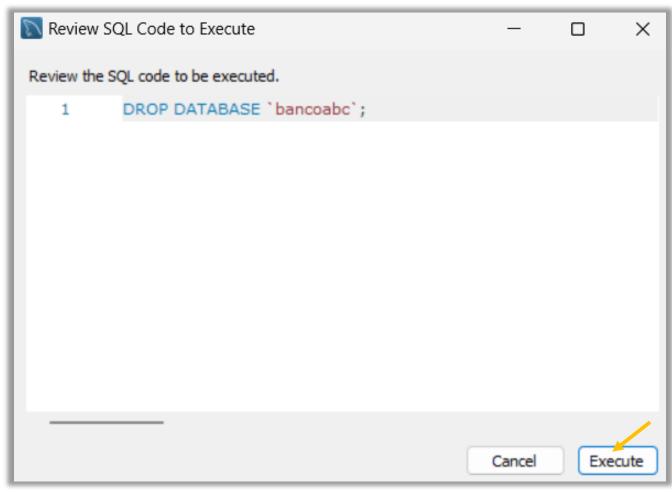


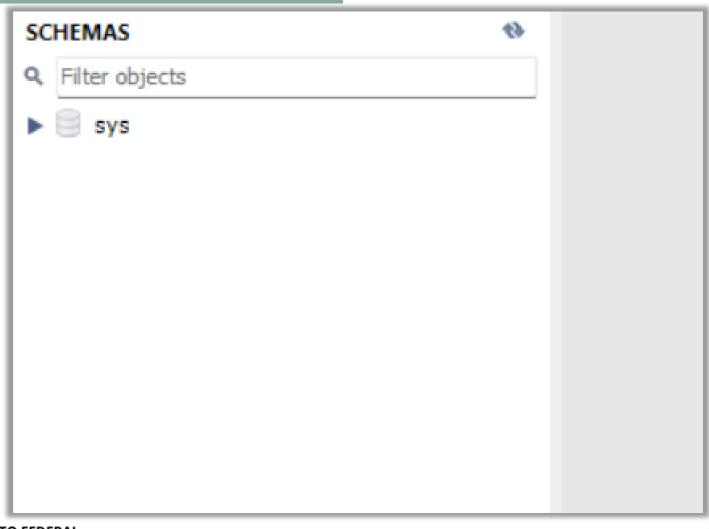












Exercícios

- Abra uma conexão com o MySQL utilizando Workbench, conforme apresentado nos slides anteriores.
- 2) Conectado ao MySQL através do Workbench, crie os exemplos apresentados nos slides anteriores.





Obrigado!

Questões?



