

Lista 7 - Lista de exercícios - MySql (Escola).

Estrutura das tabelas criadas

Tabela Alunos

phpMyAdmin

Server: 127.0.0.1 » Database: bd_escola » Table: alunos

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking

Table structure Relation view

| # | Name | Type | Collation | Attributes | Null | Default | Comments | Extra | Action |
|--------------------------|-------------|-------------|--------------------|------------|------|---------|----------|-------|--------------------|
| <input type="checkbox"/> | 1 matricula | varchar(5) | utf8mb4_general_ci | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 2 nome | varchar(50) | utf8mb4_general_ci | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 3 endereco | varchar(50) | utf8mb4_general_ci | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 4 cidade | varchar(30) | utf8mb4_general_ci | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 5 codcurso | char(2) | utf8mb4_general_ci | | No | None | | | Change Drop More |

☐ Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext

Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after codcurso

Indexes

| Action | Keyname | Type | Unique | Packed | Column | Cardinality | Collation | Null | Comment |
|--------------------|---------|-------|--------|--------|-----------|-------------|-----------|------|---------|
| Edit Rename Drop | PRIMARY | BTREE | Yes | No | matricula | 15 | A | No | |

Tabela Cursos

phpMyAdmin

Server: 127.0.0.1 » Database: bd_escola » Table: cursos

Browse Structure SQL Search Insert Export Import Privileges Operations

Table structure Relation view

| # | Name | Type | Collation | Attributes | Null | Default | Comments | Extra | Action |
|--------------------------|-------------------|-------------|--------------------|------------|------|---------|----------|-------|--------------------|
| <input type="checkbox"/> | 1 codcurso | char(2) | utf8mb4_general_ci | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 2 nome | varchar(50) | utf8mb4_general_ci | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 3 coddisc1 | char(2) | utf8mb4_general_ci | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 4 coddisc2 | char(2) | utf8mb4_general_ci | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 5 coddisc3 | char(2) | utf8mb4_general_ci | | No | None | | | Change Drop More |

☐ Check all With selected: Browse Change Drop Primary Unique Index Spatial

Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add column(s)

Indexes

| Action | Keyname | Type | Unique | Packed | Column | Cardinality | Collation | Null | Comment |
|--------------------|---------|-------|--------|--------|----------|-------------|-----------|------|---------|
| Edit Rename Drop | PRIMARY | BTREE | Yes | No | codcurso | 3 | A | No | |

Tabela Disciplinas

phpMyAdmin

Server: 127.0.0.1 » Database: bd_escola » Table: disciplinas

Browse Structure SQL Search Insert Export Import Privileges Operations

Table structure Relation view

| # | Name | Type | Collation | Attributes | Null | Default | Comments | Extra | Action |
|--------------------------|------------------|-------------|--------------------|------------|------|---------|----------|-------|--------------------|
| <input type="checkbox"/> | 1 CodDisciplina | char(2) | utf8mb4_general_ci | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 2 NomeDisciplina | varchar(30) | utf8mb4_general_ci | | No | None | | | Change Drop More |

☐ Check all With selected: Browse Change Drop Primary Unique Index Sp

Add to central columns Remove from central columns

Print Propose table structure ? Track table Move columns Normalize

Add column(s)

Indexes ?

Recent Favorites

New

bd_escola

New

alunos

disciplinas

Columns

New

CodDisciplina (PRI, ch

NomeDisciplina (varch

Indexes

information_schema

Insert das tabelas criadas

Tabela Alunos

The screenshot displays the phpMyAdmin interface. On the left, the database 'bd_escola' is selected, and the 'alunos' table is highlighted. The table structure is shown with columns: cidade (varchar), codcurso (char), endereco (varchar), matricula (PRI, varchar), and nome (varchar). The main panel shows the 'Table: alunos' view with a toolbar (Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations) and a list of 15 student records. Each record includes a checkbox, Edit, Copy, and Delete icons, followed by the matricula, nome, endereco, cidade, and codcurso fields.

| | matricula | nome | endereco | cidade | codcurso |
|--------------------------|-----------|----------------------|----------------------------|----------------|----------|
| <input type="checkbox"/> | 10001 | Maria Eduarda Silva | Rua das Flores, 123 | São Paulo | 01 |
| <input type="checkbox"/> | 10002 | Gabriel Oliveira | Avenida Central, 456 | Rio de Janeiro | 01 |
| <input type="checkbox"/> | 10003 | Juliana Santos | Rua dos Passarinhos, 789 | Belo Horizonte | 01 |
| <input type="checkbox"/> | 10004 | Lucas Souza | Travessa das Árvores, 321 | Curitiba | 01 |
| <input type="checkbox"/> | 10005 | Ana Clara Pereira | Rua das Pedras, 654 | Recife | 01 |
| <input type="checkbox"/> | 10006 | Pedro Henrique Costa | Avenida dos Coqueiros, 987 | Manaus | 02 |
| <input type="checkbox"/> | 10007 | Carolina Oliveira | Rua das Palmeiras, 654 | Florianópolis | 02 |
| <input type="checkbox"/> | 10008 | Fernando Santos | Avenida das Praias, 321 | Porto Alegre | 02 |
| <input type="checkbox"/> | 10009 | Mariana Lima | Travessa dos Corais, 987 | Salvador | 02 |
| <input type="checkbox"/> | 10010 | Rodrigo Silva | Rua das Ondas, 654 | Natal | 02 |
| <input type="checkbox"/> | 10011 | Larissa Costa | Avenida das Dunas, 321 | João Pessoa | 03 |
| <input type="checkbox"/> | 10012 | Thiago Oliveira | Travessa dos Ventos, 987 | Fortaleza | 03 |
| <input type="checkbox"/> | 10013 | Amanda Santos | Rua das Marés, 654 | Maceió | 03 |
| <input type="checkbox"/> | 10014 | Felipe Souza | Avenida dos Rios, 321 | Aracaju | 03 |
| <input type="checkbox"/> | 10015 | Bianca Lima | Travessa das Fontes, 987 | Teresina | 03 |

Tabela Cursos

The screenshot shows a database management interface. On the left, a tree view displays the database structure: 'bd_escola' contains 'alunos' and 'cursos' tables. The 'cursos' table is expanded, showing its columns: 'codcurso' (PRIMARY, char), 'coddisc1' (char), 'coddisc2' (char), 'coddisc3' (char), and 'nome' (varchar). Below the tree, the 'disciplinas' table is also visible.

The main panel displays the SQL query: `SELECT * FROM `cursos``. Below the query, there are options for 'Profiling', 'Edit inline', 'Edit', 'Explain SQL', 'Create PHP code', and 'Refresh'. A control bar shows 'Show all', 'Number of rows: 25', 'Filter rows: Search this table', and 'Sort by key: None'.

An 'Extra options' button is present. Below it, a table view shows the data for the 'cursos' table. The table has columns: 'codcurso', 'nome', 'coddisc1', 'coddisc2', and 'coddisc3'. The data is as follows:

| | codcurso | nome | coddisc1 | coddisc2 | coddisc3 |
|---|----------|-----------------------------|----------|----------|----------|
| <input type="checkbox"/> Edit Copy Delete | 01 | Auxiliar de informática | 11 | 12 | 13 |
| <input type="checkbox"/> Edit Copy Delete | 02 | Programador de Computadores | 21 | 22 | 23 |
| <input type="checkbox"/> Edit Copy Delete | 03 | Técnico em Informática | 31 | 32 | 33 |

At the bottom, there are more controls: 'Check all', 'With selected: Edit Copy Delete Export', and another set of 'Show all', 'Number of rows: 25', 'Filter rows: Search this table', and 'Sort by key: None'.

Tabela Disciplinas

The screenshot displays the phpMyAdmin interface for a MySQL database named 'bd_escola'. The left sidebar shows the database structure, with 'disciplinas' highlighted under the 'bd_escola' database. The main panel shows the 'disciplinas' table structure and data.

Table Structure:

- Columns: CodDisciplina (PRIMARY), NomeDisciplina (VARCHAR)
- Indexes: CodDisciplina (PRIMARY), NomeDisciplina (INDEXED)

Table Data:

| CodDisciplina | NomeDisciplina |
|---------------|-------------------------------|
| 11 | Banco de Dados |
| 12 | Lógica de Programação |
| 13 | Desenvolvimento de Software 1 |
| 21 | Banco de Dados 2 |
| 22 | Desenvolvimento de Software 2 |
| 23 | Programação de Computadores 1 |
| 31 | Banco de Dados 3 |
| 32 | Programação de Computadores 2 |
| 33 | Desenvolvimento de Software 3 |

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