Atividade 05 - Banco de Dados

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```
[node1] (local) root@192.168.0.13 ~
$ docker --version
Docker version 27.4.1, build b9d17ea
[node1] (local) root@192.168.0.13 ~
$ docker ps
CONTAINER ID    IMAGE       COMMAND     CREATED     STATU
[node1] (local) root@192.168.0.13 ~
$ mkdir mysql-docker
[node1] (local) root@192.168.0.13 ~
$ cd mysql-docker
[node1] (local) root@192.168.0.13 ~/mysql-docker
$ touch Dockerfile
[node1] (local) root@192.168.0.13 ~/mysql-docker
$ nano Dockerfile
bash: nano: command not found
[node1] (local) root@192.168.0.13 ~/mysql-docker
$ vi Dockerfile
[node1] (local) root@192.168.0.13 ~/mysql-docker
$ init.sql
bash: init.sql: command not found
[node1] (local) root@192.168.0.13 ~/mysql-docker
$ touch init.sql
[node1] (local) root@192.168.0.13 ~/mysql-docker
$ vi init.sql
```

```
[node1] (local) root@192.168.0.13 ~/mysql-docker
$ docker build -t mysql-alunos .
[+] Building 67.5s (7/7) FINISHED                              docker:default
 => [internal] load build definition from Dockerfile               0.0s
 => => transferring dockerfile: 183B                               0.0s
 => [internal] load metadata for docker.io/library/mysql:latest    0.7s
 => [internal] load .dockerignore                                  0.0s
 => => transferring context: 2B                                    0.0s
 => [internal] load build context                                  0.1s
 => => transferring context: 278B                                  0.0s
 => [1/2] FROM docker.io/library/mysql:latest@sha256:0255b469f01  66.3s
 => => resolve docker.io/library/mysql:latest@sha256:0255b469f013  0.1s
 => => sha256:2c0a233485c3a7b6cab556a9a9c2916ca 49.10MB / 49.10MB  3.5s
 => => sha256:cb5a6a8519b2b1d789b65fe763238531f345652 885B / 885B  0.5s
 => => sha256:570d30cf82c5e8cd5bde2c25ddc2d5c 983.00kB / 983.00kB  0.6s
 => => sha256:0255b469f0135a0236d672d60e3154ae2f4 2.62kB / 2.62kB  0.0s
 => => sha256:8689c5f93826d949b43a4b7613f92164996 2.86kB / 2.86kB  0.0s
 => => sha256:56a8c14e14044b8ec7ffb4dd165c8dbe10d 6.52kB / 6.52kB  0.0s
 => => sha256:a841bff36f3c6803a0ea0497a2f21ed75fc 6.90MB / 6.90MB  1.3s
 => => sha256:80ba30c577823a1075c778315bd221b4052 2.60kB / 2.60kB  1.0s
 => => sha256:5e49e1f26961569a4b36de1ed482bccbb9249ca 340B / 340B  1.4s
 => => sha256:ced670fc7f1c77db06886a4b52dc40515 48.21MB / 48.21MB  5.9s
 => => sha256:0b9dc7ad7f03decfdeb7260a38115fa61c9d00a 325B / 325B  1.7s
 => => sha256:cd0d5df9937b5e0d0634c76339346dfac 69.09MB / 69.09MB  7.5s
 => => sha256:1f87d67b89c62ad5e3961e9f730df83c062 5.32kB / 5.32kB  4.0s
 => => extracting sha256:2c0a233485c3a7b6cab556a9a9c2916ca9a3afc  11.5s
 => => extracting sha256:cb5a6a8519b2b1d789b65fe763238531f3456522  0.0s
 => => extracting sha256:570d30cf82c5e8cd5bde2c25ddc2d5c25e9a3858  0.2s
 => => extracting sha256:a841bff36f3c6803a0ea0497a2f21ed75fcc7614  1.3s
 => => extracting sha256:80ba30c577823a1075c778315bd221b405236429  0.0s
 => => extracting sha256:5e49e1f26961569a4b36de1ed482bccbb9249ca5  0.0s
 => => extracting sha256:ced670fc7f1c77db06886a4b52dc4051543eac07  7.3s
 => => extracting sha256:0b9dc7ad7f03decfdeb7260a38115fa61c9d00a8  0.0s
 => => extracting sha256:cd0d5df9937b5e0d0634c76339346dfac141def  38.5s
 => => extracting sha256:1f87d67b89c62ad5e3961e9f730df83c0628049a  0.0s
```

```
[node1] (local) root@192.168.0.13 ~/mysql-docker
$ docker run --name mysql-alunos -d -p 3306:3306 mysql-alunos
e8263188550569135e95324a3cbb83488c0b21313b1ef7f5af51802435fd2382
[node1] (local) root@192.168.0.13 ~/mysql-docker
$ docker exec -it mysql-alunos mysql -u root -p
Enter password:
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)
[node1] (local) root@192.168.0.13 ~/mysql-docker
$ docker exec -it mysql-alunos mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 9.1.0 MySQL Community Server - GPL

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owners.

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

mysql> USE BD_ALUNOS;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
```

```
mysql> USE BD_ALUNOS;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> SHOW TABLES;
+--------------------+
| Tables_in_BD_ALUNOS |
+--------------------+
| TB_ALUNOS          |
| TB_PROFESSORES     |
+--------------------+
2 rows in set (0.00 sec)

mysql> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| BD_ALUNOS          |
| information_schema |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
5 rows in set (0.00 sec)

mysql> 
```