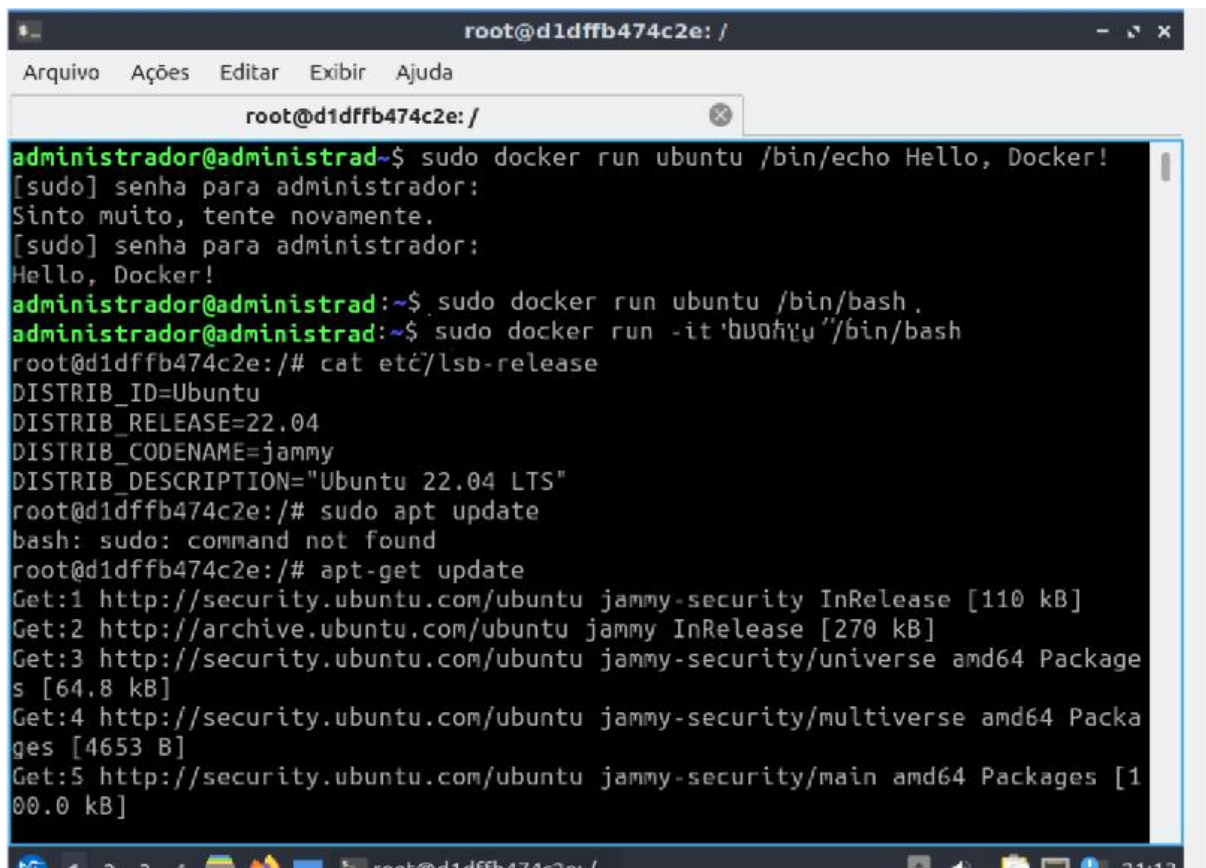


## Avaliação-05

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Obs: Realizei a atividade no laboratório.

1) Criar um container a partir de uma imagem ubuntu ou alpine;

A screenshot of a terminal window titled 'root@d1dffb474c2e: /'. The terminal shows a series of commands and their outputs. First, the user runs 'sudo docker run ubuntu /bin/echo Hello, Docker!', which outputs 'Hello, Docker!'. Then, the user runs 'sudo docker run ubuntu /bin/bash', which outputs a root prompt. Next, the user runs 'sudo docker run -it 'b00f1y' /bin/bash', which outputs a root prompt. The user then runs 'cat etc/lsb-release', which outputs Ubuntu version information. Finally, the user runs 'sudo apt update', which outputs the output of the apt update command, including the command not found error and the list of packages to be updated.

```
root@d1dffb474c2e: /
Arquivo  Ações  Editar  Exibir  Ajuda
root@d1dffb474c2e: /
administrador@administrad-$ sudo docker run ubuntu /bin/echo Hello, Docker!
[sudo] senha para administrador:
Sinto muito, tente novamente.
[sudo] senha para administrador:
Hello, Docker!
administrador@administrad:~$ sudo docker run ubuntu /bin/bash
administrador@administrad:~$ sudo docker run -it 'b00f1y' /bin/bash
root@d1dffb474c2e:/# cat etc/lsb-release
DISTRIB_ID=Ubuntu
DISTRIB_RELEASE=22.04
DISTRIB_CODENAME=jammy
DISTRIB_DESCRIPTION="Ubuntu 22.04 LTS"
root@d1dffb474c2e:/# sudo apt update
bash: sudo: command not found
root@d1dffb474c2e:/# apt-get update
Get:1 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Get:2 http://archive.ubuntu.com/ubuntu jammy InRelease [270 kB]
Get:3 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [64.8 kB]
Get:4 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [4653 B]
Get:5 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [100.0 kB]
```

2) Entrar no container de forma a usar o shell e instalar o Apache, o PHP e o MySQL;

```
root@d1dffb474c2e: /
Arquivo  Ações  Editar  Exibir  Ajuda
root@d1dffb474c2e: /
kB]
Get:13 http://archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [4653 B]
Get:14 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [107 kB]
Get:15 http://archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [132 kB]
Get:16 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [195 kB]
Get:17 http://archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [1202 B]
Fetched 21.0 MB in 6s (3343 kB/s)
Reading package lists... Done
root@d1dffb474c2e: /# apt-get install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils bzip2 ca-certificates file libapr1
  libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap libbrotli1 libcurl4
  libexpat1 libgdbm-compat4 libgdbm6 libicu70 libjansson4 libldap-2.5-0
  libldap-common liblua5.3-0 libmagic-mgc libmagic1 libnghttp2-14
  libperl5.34 libpsl5 librtmp1 libssl2-2 libssl2-modules
```

```
root@d1dffb474c2e: /
Arquivo  Ações  Editar  Exibir  Ajuda
root@d1dffb474c2e: /
Enabling site 000-default.
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Processing triggers for libc-bin (2.35-0ubuntu3) ...
Processing triggers for ca-certificates (20211016) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
root@d1dffb474c2e: /# apt-get install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libaio1 libbsd0 libcgi-fast-perl libcgi-pm-perl libclone-perl libedit2
  libencode-locale-perl libevent-core-2.1-7 libevent-pthreads-2.1-7
  libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl
  libhtml-tagset-perl libhtml-template-perl libhttp-date-perl
  libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmd0
  libmecab2 libnuma1 libprotobuf-lite23 libtimedate-perl liburi-perl
  mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0
  mysql-client-core-8.0 mysql-common mysql-server-8.0 mysql-server-core-8.0
  psmisc
```

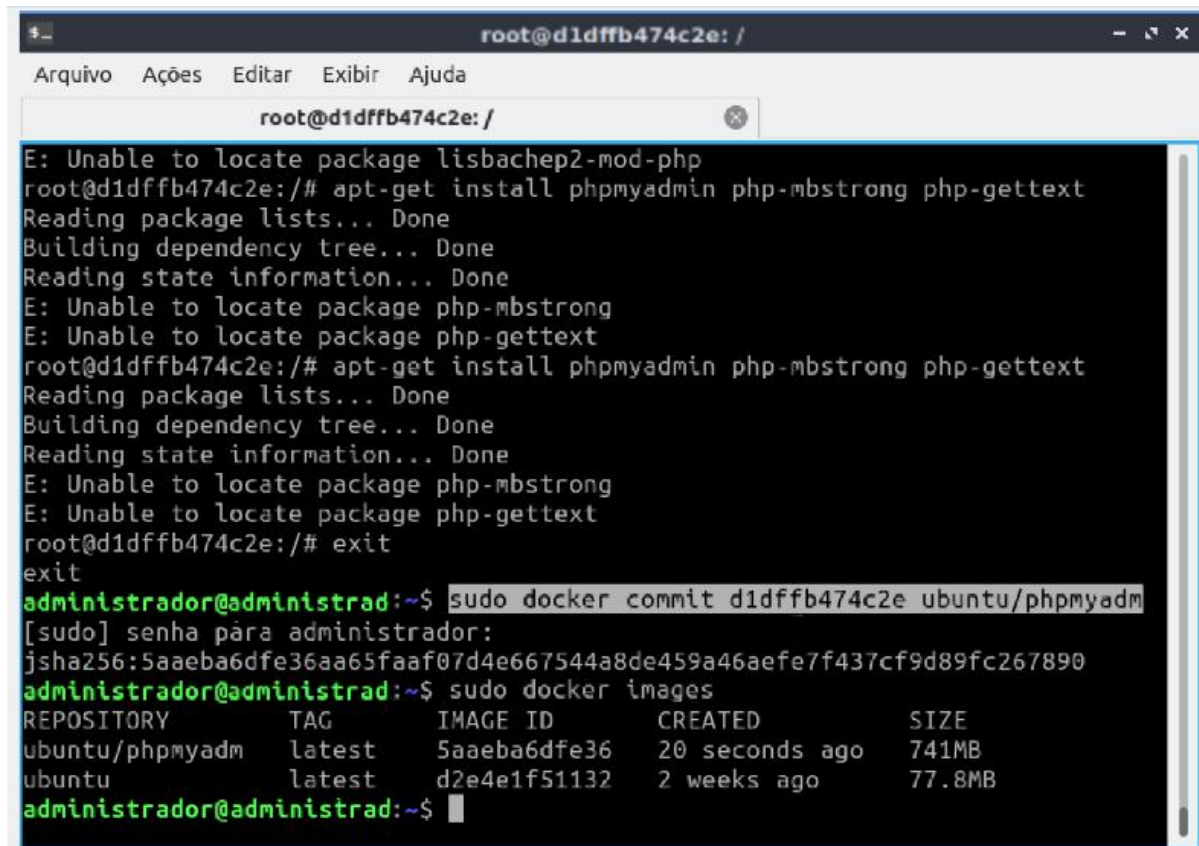
3) Instalar o PHPMyAdmin;

```
root@d1dffb474c2e: /
Arquivo  Ações  Editar  Exibir  Ajuda
root@d1dffb474c2e: /
Cannot stat file /proc/3179/fd/23: Permission denied
Cannot stat file /proc/3179/fd/24: Permission denied
mysqld will log errors to /var/log/mysql/error.log
mysqld is running as pid 3701
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Setting up libcgi-fast-perl (1:2.15-1) ...
Setting up mysql-server (8.0.29-0ubuntu0.22.04.2) ...
Processing triggers for libc-bin (2.35-0ubuntu3) ...
root@d1dffb474c2e:/# apt-get install php lisbachep2-mod-php php-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package lisbachep2-mod-php
root@d1dffb474c2e:/# apt-get install phpmyadmin php-mbstrong php-gettext
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package php-mbstrong
E: Unable to locate package php-gettext
root@d1dffb474c2e:/# apt-get install phpmyadmin php-mbstrong php-gettext
Reading package lists... Done
Building dependency tree... Done
```

4) Commitar o container com o apelido ubuntu/phpmyadmin;

```
root@d1dffb474c2e: /
Arquivo  Ações  Editar  Exibir  Ajuda
root@d1dffb474c2e: /
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Setting up libcgi-fast-perl (1:2.15-1) ...
Setting up mysql-server (8.0.29-0ubuntu0.22.04.2) ...
Processing triggers for libc-bin (2.35-0ubuntu3) ...
root@d1dffb474c2e:/# apt-get install php lisbachep2-mod-php php-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package lisbachep2-mod-php
root@d1dffb474c2e:/# apt-get install phpmyadmin php-mbstrong php-gettext
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package php-mbstrong
E: Unable to locate package php-gettext
root@d1dffb474c2e:/# apt-get install phpmyadmin php-mbstrong php-gettext
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package php-mbstrong
E: Unable to locate package php-gettext
root@d1dffb474c2e:/#
```

5) Evidenciar a instalação e o funcionamento com prints.



The screenshot shows a terminal window titled 'root@d1dffb474c2e: /'. The terminal output is as follows:

```
root@d1dffb474c2e:/# apt-get install phpmyadmin php-mbstrong php-gettext
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package php-mbstrong
E: Unable to locate package php-gettext
root@d1dffb474c2e:/# apt-get install phpmyadmin php-mbstrong php-gettext
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package php-mbstrong
E: Unable to locate package php-gettext
root@d1dffb474c2e:/# exit
exit
administrador@administrad:~$ sudo docker commit d1dffb474c2e ubuntu/phpmyadm
[sudo] senha para administrador:
jsha256:5aaeba6dfe36aa65faaf07d4e667544a8de459a46aefe7f437cf9d89fc267890
administrador@administrad:~$ sudo docker images
REPOSITORY          TAG             IMAGE ID         CREATED          SIZE
ubuntu/phpmyadm     latest         5aaeba6dfe36    20 seconds ago  741MB
ubuntu              latest        d2e4e1f51132    2 weeks ago     77.8MB
administrador@administrad:~$
```