Aluna: Pâmela Layla Freitas Barbosa

Professor: Taveira

Turma: P8 de informática

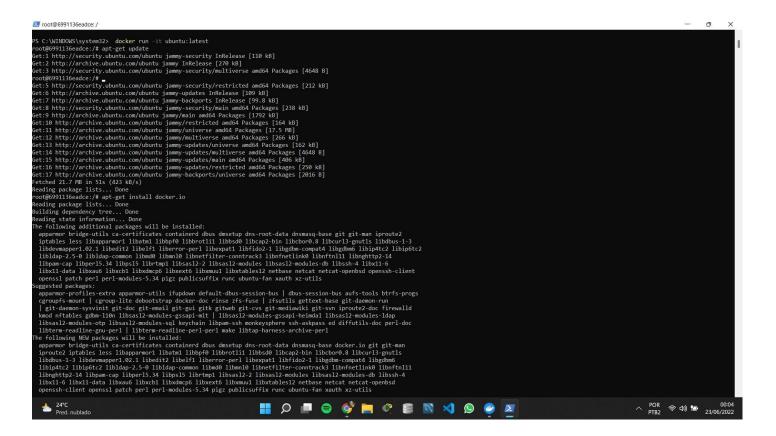
Atividade: Avaliação 5

Obs: Atividade feita em dupla com a Livia Vasconcelos

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

```
Administrador: Windows PowerShell
                                                                                                                                                                                                        0
Docker version 20.10.16, build aa7e414
PS C:\WINDOWS\system32> docker run ubuntu
Unable to find image 'ubuntu:latest' locally
latest: Pulling from library/ubuntu
405f018f9d1d: Pull complete
Digest: sha256:b6b83d3c331794420340093eb706a6f152d9c1fa51b262d9bf34594887c2c7ac
Status: Downloaded newer image for ubuntu:latest
PS C:\WINDOWS\system32> docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
Digest: sha256:b6b83d3c331794420340093eb706a6f152d9c1fa51b262d9bf34594887c2c7ac
Status: Image is up to date for ubuntu:latest
docker.io/library/ubuntu:latest
PS C:\WINDOWS\system32> docker run ubuntu
PS C:\WINDOWS\system32> docker ps -a
CONTAINER ID IMAGE
                                  COMMAND
 f7a6d05c040
                                  "bash"
                                                           36 seconds ago Exited (0) 34 seconds ago
                                                                                                                             sleepy yalow
 2f095256a3d ubuntu
                                  "bash"
                                                           3 minutes ago Exited (0) 3 minutes ago
                                                                                                                            admiring leakey
 c690d3c3e7f docker101tutorial "/docker-entrypoint..." 19 minutes ago Up 19 minutes
                                                                                                       0.0.0.0:80->80/tcp
                                                                                                                           docker-tutorial
eb7c47e42109 alpine/git
                                  "git clone https://g..." 25 minutes ago Exited (0) 25 minutes ago
PS C:\WINDOWS\system32> _
```

### 2) Entrar no container de formar a usar o shell e instalar o Apache



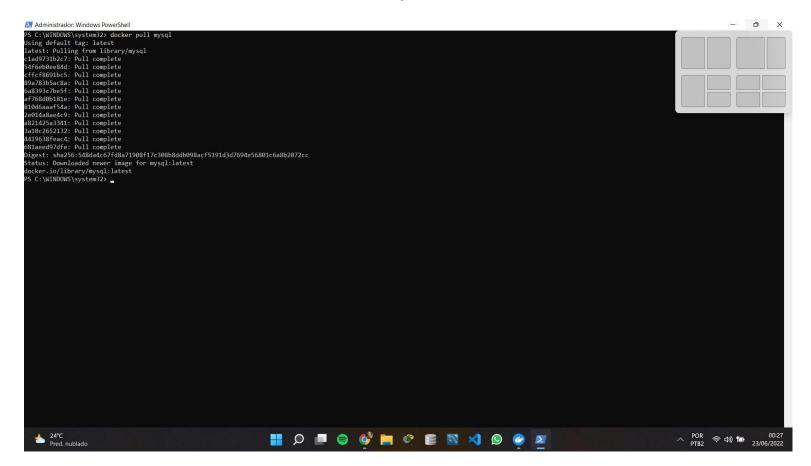
```
PS C:\WINDOWS\system32> docker pull httpd
Using default tag: latest
latest: Pulling from library/httpd
Digest: sha256:bb3908c9ed452c50fa0756e603116fb30cf66270249d936ab646e806f368ebc3
Status: Image is up to date for httpd:latest
docker.io/library/httpd:latest
PS C:\WINDOWS\system32> docker images
REPOSITORY
                   TAG
                             IMAGE ID
                                           CREATED
helloworld
                   latest
                             6de9e39461ae 28 minutes ago
                                                               77.8MB
docker101tutorial latest
                             947c4c155ea5
                                           About an hour ago
                                                               28.8MB
alpine/git
                   latest
                             620bef75a214 2 days ago
                                                                39.4MB
httpd
                   latest
                             b260a49eebf9 9 days ago
                                                               145MB
                   latest
                            27941809078c 2 weeks ago
                                                                77.8MB
ubuntu
PS C:\WINDOWS\system32> docker run -d --name apache-serve -p 80:80 httpd
545e18add9096af7b662754cc946b4ef0fb074a155c2d55792a98f7d4b9451a4
docker: Error response from daemon: driver failed programming external connectivity on endpoint apache-serve (bdaed7c88b8b223a5f12ac5c563608d580228b7659c7e7e62074e52d78930da4): Bind for 0.0.0.0:80 failed: port i
s already allocated.
PS C:\WINDOWS\system32> _
```

24°C Pred. nublado へ POR 令 (4)) 恒 23/06/2022

#### 2) Entrar no container de formar a usar o shell e instalar o PHP

```
PS C:\WINDOWS\system32> docker pull php:7.4-apache
7.4-apache: Pulling from library/php
42c077c10790: Already exists
8934009a9160: Pull complete
5357ac116991: Pull complete
54ae63894b5a: Pull complete
772088206f85: Pull complete
3b81c5474649: Pull complete
c62a528527ae: Pull complete
344c792709d4: Pull complete
ef9638273c35: Pull complete
4ec70638e42f: Pull complete
5a0f65f5bb3b: Pull complete
55578a5ce5e8: Pull complete
f1dd85b4dfa5: Pull complete
Digest: sha256:c65cd02abef32e0ab1558788dbcf855e6dde301159da14651c844f533b34a411
Status: Downloaded newer image for php:7.4-apache
docker.io/library/php:7.4-apache
PS C:\WINDOWS\system32> docker volume create apache-data
apache-data
PS C:\WINDOWS\system32> docker volume inspect apache-data
       "CreatedAt": "2022-06-23T03:20:54Z",
       "Driver": "local",
       "Labels": {},
       "Mountpoint": "/var/lib/docker/volumes/apache-data/_data",
       "Name": "apache-data",
       "Options": {},
       "Scope": "local"
                                                                 🔡 🔎 🔲 🤤 🗳 📄 💸 😰 💌 刘 🕲 😁
```

# 2) Entrar no container de formar a usar o shell e instalar o MySQL;



Administrador: Windows PowerShell 

#### + FullyQualifiedErrorId : CommandNotFoundException

PS C:\WINDOWS\svstem32> docker pull mvsal

Using default tag: latest

latest: Pulling from library/mysql

c1ad9731b2c7: Pull complete

54f6eb0ee84d: Pull complete

cffcf8691bc5: Pull complete

89a783b5ac8a: Pull complete

6a8393c7be5f: Pull complete

af768d0b181e: Pull complete

810d6aaaf54a: Pull complete

2e014a8ae4c9: Pull complete a821425a3341: Pull complete

3a10c2652132: Pull complete

4419638feac4: Pull complete

681aeed97dfe: Pull complete

Digest: sha256:548da4c67fd8a71908f17c308b8ddb098acf5191d3d7694e56801c6a8b2072cc

Status: Downloaded newer image for mysql:latest

docker.io/library/mysql:latest

PS C:\WINDOWS\system32> docker images

REPOSITORY IMAGE ID CREATED helloworld latest

6de9e39461ae 44 minutes ago 77.8MB docker101tutorial latest 947c4c155ea5 About an hour ago 28.8MB alpine/git latest 620bef75a214 2 days ago 39.4MB

b260a49eebf9 9 days ago httpd latest 145MB 452MB 7.4-apache 54884b354869 13 days ago

27941809078c 2 weeks ago ubuntu latest 77.8MB

65b636d5542b 3 weeks ago 524MB mysq1 latest

PS C:\WINDOWS\system32> docker run -d --name mysql-server -p 3306:3306 -e "MYSQL ROOT PASSWORD=kamisama123" mysql

c8c4d34c0521c6f139c6d0cd4b8152c61bade3c4975ffc2db501933ba27c63c6

docker: Error response from daemon: Ports are not available: exposing port TCP 0.0.0.0:3306 -> 0.0.0.0:0: listen tcp 0.0.0.0:3306: bind: Only one usage of each socket address (protocol/network address/port) is n

ormally permitted.

PS C:\WINDOWS\system32>

























# 3) Instalar o PHPMyAdmin;

```
Mac Administrador: Windows PowerShell
                                                                                                                                                                                                   aa424b771e79bcb50905eafd02fcb5ee1b2259569b3b0e1d6daf6d79d168d11b
PS C:\WINDOWS\system32> docker pull mysql
Using default tag: latest
latest: Pulling from library/mysql
Digest: sha256:548da4c67fd8a71908f17c308b8ddb098acf5191d3d7694e56801c6a8b2072cc
Status: Image is up to date for mysql:latest
docker.io/library/mysql:latest
PS C:\WINDOWS\system32> docker pull phpmyadmin/phpmyadmin
Using default tag: latest
latest: Pulling from phpmyadmin/phpmyadmin
214ca5fb9032: Pull complete
cd813a1b2cb8: Pull complete
 3cf7574573d: Pull complete
 4c27146d16e: Pull complete
 78f4450f949: Pull complete
 f145e355bc4: Pull complete
 dc797cb9eea: Pull complete
af45e7153a31: Pull complete
546fbaf263b: Pull complete
 6dd2cabbcd2: Pull complete
 0a426b49280: Pull complete
 94e73d5f13e: Pull complete
2f5a3464a278: Pull complete
a4f9f723c297: Pull complete
5b04d16a8086: Pull complete
2a3d1fa22772: Pull complete
ef56affc4552: Pull complete
9b9b44731108: Pull complete
Digest: sha256:ae6dadd9cf3c158e42937788f7255fa820ea3daef0349226d8d43f32e76535e1
Status: Downloaded newer image for phpmyadmin/phpmyadmin:latest
docker.io/phpmyadmin/phpmyadmin:latest
 S C:\WINDOWS\system32> docker images
REPOSITORY
                                   IMAGE ID
                                                  CREATED
helloworld
                       latest
                                   6de9e39461ae 49 minutes ago
                                                                     77.8MB
 ocker101tutorial
                                   947c4c155ea5
                                                                     28.8MB
                       latest
                                                 About an hour ago
                                                                     39.4MB
alpine/git
                       latest
                                   620bef75a214
                                                 2 days ago
                                                                     145MB
httpd
                       latest
                                   b260a49eebf9
                                                 9 days ago
                       7.4-apache 54884b354869
                                                 13 days ago
                                                                     452MB
ubuntu
                       latest
                                   27941809078c
                                                 2 weeks ago
                                                                     77.8MB
mysal
                       latest
                                   65b636d5542b
                                                 3 weeks ago
                                                                     524MB
phpmyadmin/phpmyadmin latest
                                   4a4023c7e22a 5 weeks ago
                                                                     510MB
PS C:\WINDOWS\system32> docker volume create mysql-data
mysql-data
 S C:\WINDOWS\system32> docker volume inspect mysql-data
        "CreatedAt": "2022-06-23T03:34:30Z",
       "Driver": "local",
       "Labels": {},
      24°C
                                                                 へ POR 令 切) l 23/06/2022
      Pred. nublado
```

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

