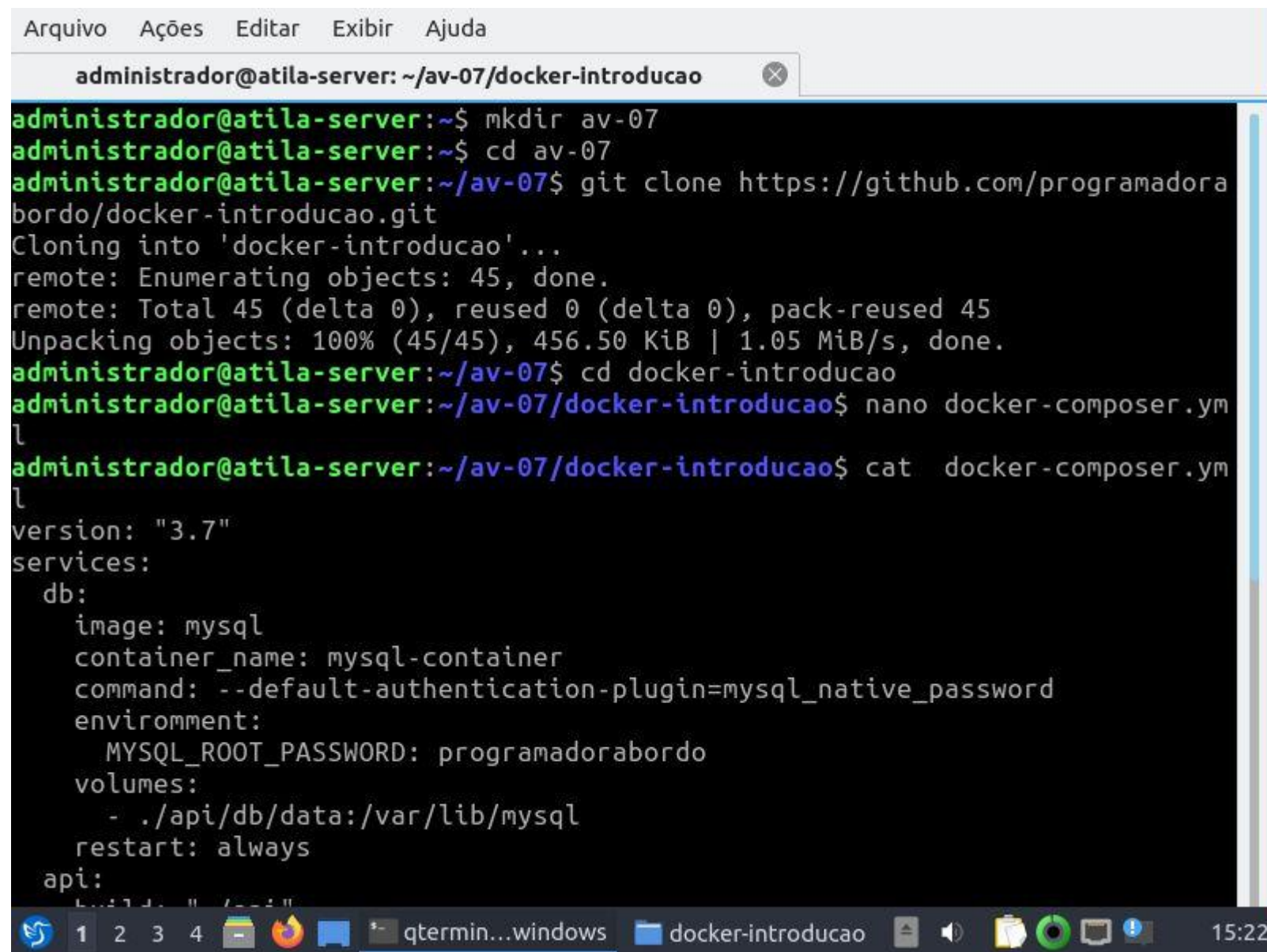**AVALIAÇÃO 07**

ATIVIDADE DE SISTEMAS OPERACIONAIS DE REDES 2

PROFESSOR : RICARDO DUARTE TAVEIRA.

ALUNO : ÁTILA OLIVEIRA DE ALMEIDA

TURMA : P8 DE INFORMÁTICA

A) *Realizando git clone do repositório :*

B) *Criando "docker-composer.yml" :*

Arquivo Ações Editar Exibir Ajuda

administrador@atila-server: ~/av-07/docker-introducao

```
administrador@atila-server:~/av-07/docker-introducao$ cat docker-compose.yml
version: "3.7"
services:
  db:
    image: mysql
    container_name: mysql-container
    command: --default-authentication-plugin=mysql_native_password
    environment:
      MYSQL_ROOT_PASSWORD: programadorabordo
    volumes:
      - ./api/db/data:/var/lib/mysql
    restart: always
  api:
    build: "./api"
    container_name: node-container
    restart: always
    volumes:
      - ./api:/home/node/app
    ports:
      - "9001:9001"
    depends_on:
      - db
  web:
    image: "php:7.2-apache"
    container_name: php-container
    restart: always
    volumes:
      - ./website:/var/www/html
    ports:
      - "8888:80"
    depends_on:
      - db
      - api
administrador@atila-server:~/av-07/docker-introducao$
```

1 2 3 4   administra...introducao   pcmanfm-q...2 windows   Docker | Pr...lla Firefox   16:25

Arquivo Ações Editar Exibir Ajuda

administrador@administrador-v...ox: ~/av-07/docker-introducao

```
  GNU nano 4.8                                    docker-composer.yml                                    Modificado
version: "3.7"
services:
  db:
    image: mysql
    container_name: mysql-container
    command: --default-authentication-plugin=mysql_native-password
    environment:
      MYSQL_ROOT_PASSWORD: programadorabordo
    volumes:
      - ./api/db/data:/var/lib/mysql
    restart: always
  api:
    build: "./api"
    container_name: node-container
    restart: always
    volumes:
      - ./api:/home/node/app
    ports:
      - "9001:9001"
    depends_on:
      - db
  web:
    image: "php:7.2-apache"
    container_name: php-container
    restart: always
    volumes:
      - ./website:/var/www/html
    ports:
      - "8888:80"
    depends_on:
      - db
      - api
```

| ^G Obter Ajuda | ^O Gravar | ^W Onde está? | ^K Recort txt | ^J Justificar | ^C Pos atual | M-U Desfazer | M-A Marcar txt | M-] Parênteses | M-Q Anterior | ^B Voltar |
| ^X Sair | ^R Ler o arq | ^\ Substituir | ^U Colar txt | ^T VerfOrtog | ^_ Ir p/ linha | M-E Refazer | M-6 Copiar texto | ^Q Onde estava | M-W Próxima | ^F Encaminhar |

1 2 3 4   administra...introducao   21:14

Observação : Nesse último print, ocorre uma diferença na questão de horário na máquina virtual por conta que eu tentei fazer essa atividade duas vezes. Na segunda vez eu não fiz esse print, então reutilizei o print que havia feito da vez anterior na primeira. Professor não é Somebody Love kkkk.

C) *Executando o Docker Composer e Criando Containers :*

```
[sudo] senha para administrador:
Pulling db (mysql:)...
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
Building api
Sending build context to Docker daemon  8.139MB
Step 1/3 : FROM node:10-slim
10-slim: Pulling from library/node
62deabe7a6db: Pull complete
f698164f6049: Pull complete
bc29352cb629: Pull complete
85e84b4c858f: Pull complete
ac72e4359589: Pull complete
Digest: sha256:88932859e3d022d79161b99628c4c2c50e836437455e2d1b1a008d98367b10d6
Status: Downloaded newer image for node:10-slim
 ---> 6fbcbbb5c603
Step 2/3 : WORKDIR /home/node/app
 ---> Running in a2b88db9f855
Removing intermediate container a2b88db9f855
 ---> 21d74476fe0b
Step 3/3 : CMD npm start
 ---> Running in c3b71256a411
Removing intermediate container c3b71256a411
 ---> a43193ff9dc0
Successfully built a43193ff9dc0
Successfully tagged docker-introducao_api:latest
WARNING: Image for service api was built because it did not already exist. To rebuild this image you must use `docker-compose build` or `docker-compose up --build`.
Pulling web (php:7.2-apache)...
7.2-apache: Pulling from library/php
6ec7b7d162b2: Pull complete
db606474d60c: Pull complete
afb30f0cd8e0: Pull complete
```

D)Containers cirados :

E) Verificando Portas no LocalHost :

Porta 8888

Produto	Preço
Curso Front-end especialista	2500
Curso JS Fullstack	900
Curso Front-end especialista	2500
Curso JS Fullstack	900
Curso Front-end especialista	2500
Curso JS Fullstack	900
Curso Front-end especialista	2500
Curso JS Fullstack	900

Porta 9009

localhost:9001/products

JSON   Raw Data   Headers

Save Copy Collapse All Expa   r JSON

```
▼ 0:
    name:     "Curso Front-end especialista"
    price:    2500
▼ 1:
    name:     "Curso JS Fullstack"
    price:    900
▼ 2:
    name:     "Curso Front-end especialista"
    price:    2500
▼ 3:
    name:     "Curso JS Fullstack"
    price:    900
▼ 4:
    name:     "Curso Front-end especialista"
    price:    2500
▼ 5:
    name:     "Curso JS Fullstack"
    price:    900
```