Atividade 05

Criando uma Imagem Docker

A partir do DockerFile

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S4

1.Criando o Dockerfile:

```
   ~/Documentos/DockerASR   touch Dockerfile
   ~/Documentos/DockerASR   ls
Dockerfile
   ~/Documentos/DockerASR   
```

2.Editado Dockerfile:

```
# Definir a imagem base

FROM nginx:alphine

# COpiar arquivos para o diretório padrão do NGINX

COPY index.html /usr/share/nginx/html/index.html

# Expor a porta 80

EXPOSE 80
~
```

```
   ~/Documentos/DockerASR   nvim Dockerfile
   ~/Documentos/DockerASR   
```

3.Criando arquivo html:

```
   ~/Documentos/DockerASR   echo "<html><body><h1>Meu site com Docker</h1></body></html>" > index.html
   ~/Documentos/DockerASR   ls
Dockerfile  index.html
   ~/Documentos/DockerASR   
```
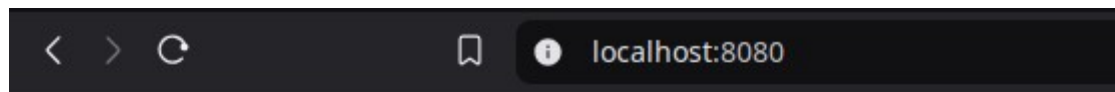
4.Construindo Imagem.

```
田  ~/Documentos/DockerASR   sudo docker build -t meu_site .

[sudo] senha para lucas:
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
            Install the buildx component to build images with BuildKit:
            https://docs.docker.com/go/buildx/

Sending build context to Docker daemon  3.072kB
Step 1/3 : FROM nginx:alpine
alpine: Pulling from library/nginx
da9db072f522: Pull complete
e10e486de1ab: Pull complete
af9c0e53c5a4: Pull complete
b2eb2b8af93a: Pull complete
e351ee5ec3d4: Pull complete
fbbf7d28be71: Pull complete
471412c08d15: Pull complete
a2eb5282fbec: Pull complete
Digest: sha256:41523187cf7d7a2f2677a80609d9caa14388bf5c1fbca9c410ba3de602aaaab4
Status: Downloaded newer image for nginx:alpine
 ---> 91ca84b4f577
Step 2/3 : COPY index.html /usr/share/nginx/html/index.html
 ---> a57e8d537aee
Step 3/3 : EXPOSE 80
 ---> Running in acb035bd5163
 ---> Removed intermediate container acb035bd5163
 ---> e4a107e1c925
Successfully built e4a107e1c925
Successfully tagged meu_site:latest
```

5.Verificando Imagens Salvas:

```
田  ~/Documentos/DockerASR   sudo docker images
REPOSITORY    TAG       IMAGE ID        CREATED          SIZE
meu_site      latest    e4a107e1c925    2 minutes ago    52.5MB
nginx         alpine    91ca84b4f577    2 weeks ago      52.5MB
田  ~/Documentos/DockerASR  
```

6.Executando Container da Aplicação e Acessando a Aplicação.

```
田  ~/Documentos/DockerASR   sudo docker run -d -p 8080:80 meu_site

7eb2fff170af8af69381fc817891419f7034ea8ddd8c1fb039a0230a325e60b2
田  ~/Documentos/DockerASR  
```

Meu site com Docker