

# Checkpoint 2

## DevOps & Cloud

### Docker com Python

O projeto consiste em criar um ambiente Docker para implantar uma aplicação Python. A aplicação imprime a mensagem "Implantação efetuada com sucesso" quando é executada.

#### Integrantes:

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#### Prints do projeto:

#### Print Dockerfile criado:

A screenshot of a code editor window showing a Dockerfile. The Dockerfile content is:

```
1 FROM python:3.9-slim
2
3 WORKDIR /app
4
5 ARG APP_FILE
6
7 COPY $APP_FILE /app
8
9 CMD ["python", "app.py"]
```

The editor interface includes a top bar with File, Edit, Selection, View, Go, Run, Terminal, Help, and a search bar. A sidebar on the left contains various icons for file operations like copy, paste, and search. The bottom status bar shows Ln 1, Col 1, Spaces: 4, UTF-8, CRLF, Dockerfile, Go Live, Prettier, and a refresh icon.

## Print da tela da criação da imagem com sucesso

A screenshot of a terminal window titled "Prompt de Comando". The command run was:

```
C:\Users\nicni\docker build -t dimmoney-python --build-arg APP_FILE=app.py .
```

The output shows the build process:

```
[+] Building 1.4s (8/8) FINISHED
[+] [internal] load build definition from Dockerfile
=> transferring dockerfile: 140B
-> [internal] load metadata for docker.io/library/python:3.9-slim
-> [internal] load dockerignore
=> [internal] transfer context: 2B
=> [1/3] FROM docker.io/library/python:3.9-slim@sha256:fd8693fc6115345452a19654c1388bc9a1029cda7b98e1bce45ede67e 0.0s
-> [internal] load build context
=> => transferring context: 76B
-> => CACHED [2/3] WORKDIR /app
-> => [3/3] COPY app.py /app
-> => exporting image
-> => exporting layers
-> => writing image sha256:eaef9565a8c072b6d411ebbe0fc7ed5df62d00fdd2121aadf01910fc58667fddc3
-> => naming to docker.io/library/dimmoney-python
```

Details about the image are shown:

```
View build details: docker-desktop://dashboard/build/default/default/jvs1w2ouggf0v5rb7f80mnfm0
```

What's Next? View a summary of image vulnerabilities and recommendations → [docker scout quickview](#)

C:\Users\nicni>

## Print da execução do docker container run

A screenshot of a terminal window titled "Prompt de Comando". The command run was:

```
C:\Users\nicni\docker container run --rm dimmoney-python
```

The output shows the container running:

```
Implantação efetuada com sucesso
```

C:\Users\nicni>

## Link do GitHub

[https://github.com/nicolasinohue/CP2\\_Cloud](https://github.com/nicolasinohue/CP2_Cloud)

## Comandos utilizados

docker build -t dimmoney-python --build-arg APP\_FILE=app.py .

docker container run --rm dimmoney-python

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