

ID: 2206195

Level: 2

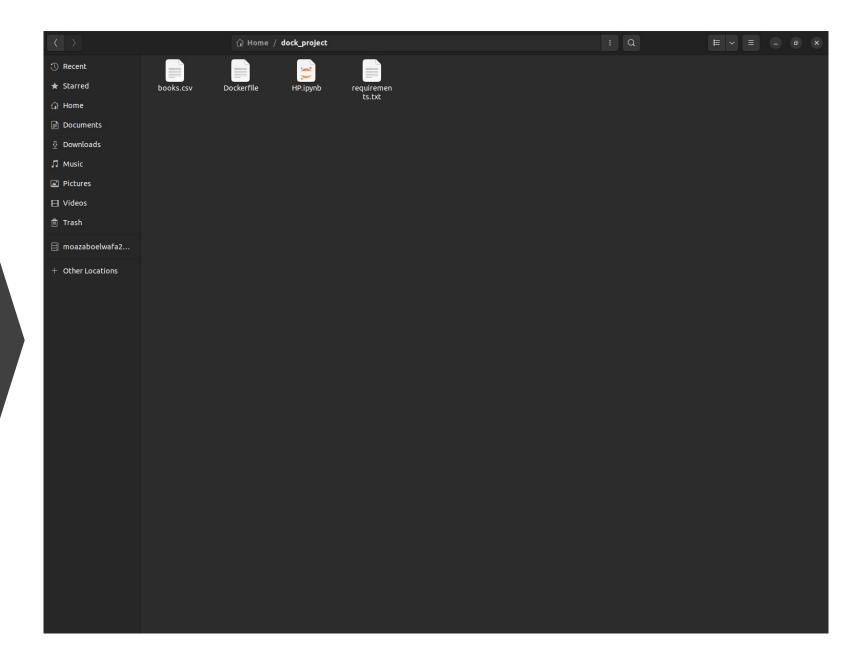
Department: Cyber Security

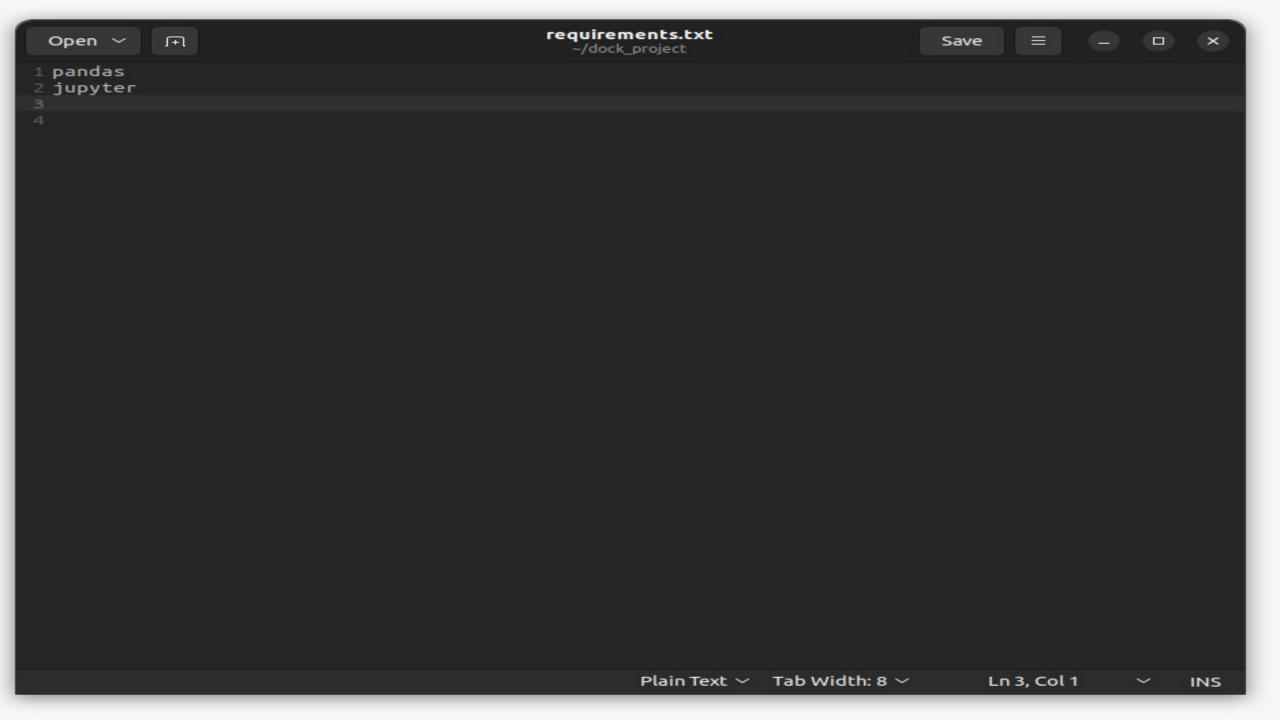
Assignment: Cloud computing

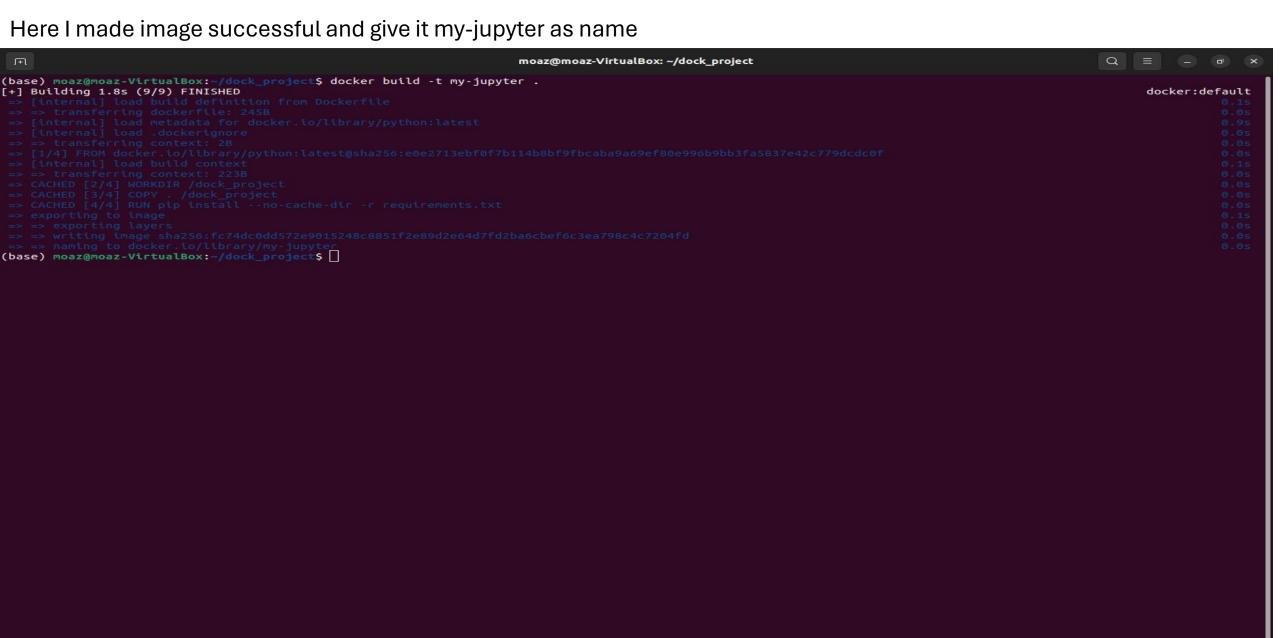
Introduction

- In this assignment we want to make a container that contain books.csv and HP.ipynb and requirements.txt
- And when we run it we can open jupyter local host server and deal with HP.ipynb
- HP.ipynb that contain analysis of books.csv
- Requirements that contain dependences that we need so we need jupyter of course and we used pandas to deal with books.csv
- So first we build Dockerfile, second we ship image, third we run container.
- And I used linux virtual machine because it faster when dealing with docker engine.

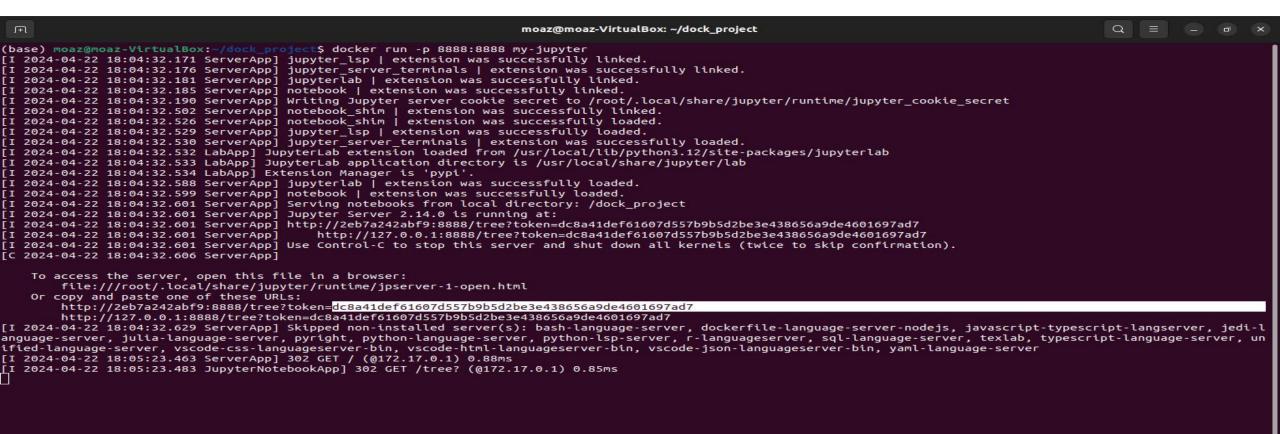
Here the files
I need to
make the
image.







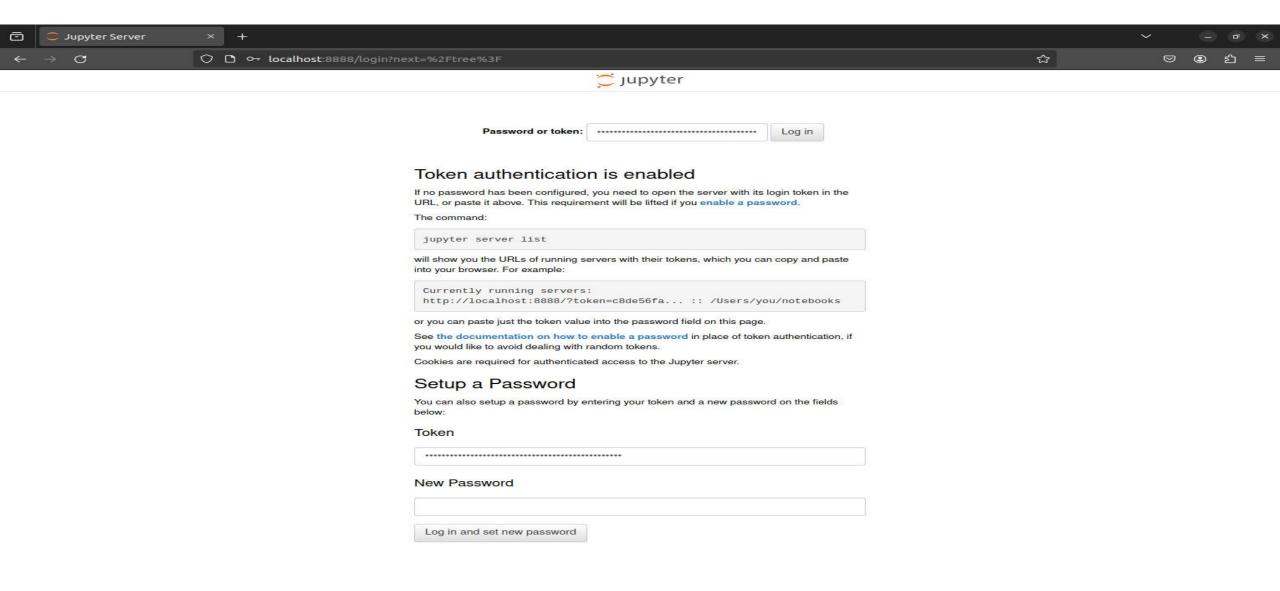
Here I run the container successful and the id after token we use it to login



Here we check that the container is running and state is up



Here the jupyter server in localhost that we used port 8888 to mapping to it and we use the token to log in



Here the file in the workdir we put it to build the image and we will use HP.ipynb and books.csv here

