**Exercise 3**

For this exercise, first I need to create a script containing the content specified in the exercise. This script file will be called script.sh, in the same folder where I will create the Dockerfile.

Content of the **Dockerfile** for the first container:

FROM alpine:latest

COPY script.sh /

WORKDIR /tmp/shared/

ENTRYPOINT [“/script.sh”]

Once the Dockerfile is created, from the same folder, I create the image with this command:

docker build -t exercise3 .

If the second container needs to read the output of the first container, for that I will create a volume, so they can share data:

docker volume create my\_volume

The next step is to run the first container using that volume:

docker run --rm -d --name container1 --mount type=volume,src=my\_volume,dst=/tmp/shared/ exercise3

The second container can be created and run with this command:

docker run --rm -d --name container2 --mount type=volume,src=my\_volume,dst=/tmp/shared alpine:latest cat /tmp/shared/shared\_file.txt