

Questionnaire

1. Indicate the advantages of the use of dockers over virtual machines.

They're lightweight and portable so they're easier to move around and execute without worrying about space

2. Explain the difference between an image and a container.

An image is the template a container uses to run. An image cannot run commands whereas a container can

3. Explain the difference between a registry and a repository.

A registry is a storage of images/repositories like dockerhub and a repository is a storage of different versions of the same image

4. If we modify a container. Do these changes persist when we stop the container?

Yes

5. Write the command to list all the containers that exist in our system.

`docker ps -a`

6. Indicate the differences between docker run and docker exec.

`docker run` creates a new container based off an image and `docker exec` uses an already existing container to execute commands in it