1. Install a docker desktop on your computer.
2. Create a Docker Hub account.

A screenshot of a computer

Description automatically generated

1. Find a Python image that you could use on the docker hub.

A screenshot of a computer

Description automatically generated

1. Now go to the cmd line on your computer and run the following command.

A computer screen shot of a program code

Description automatically generated

1. Docker image ls

A black background with white letters and numbers

Description automatically generated

1. Now rename this image to something more useful.



1. Now run a container using this image within the docker

A number on a black background

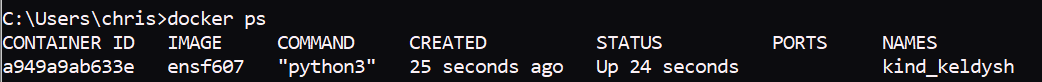
Description automatically generated

-i: Keeps the container's standard input open for interactive use.

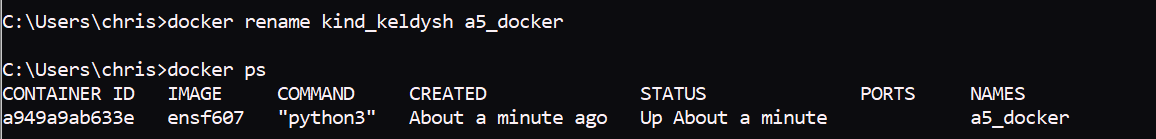
-t: Allocates a pseudo-terminal for use within the container, enabling interaction with a shell.

-d: Runs the container in the background, independent of the current command line session

1. Docker ps



1. You will see that docker assigns a random name (id far right) to your loaded image.
2. Rename the Python container.



1. Now we want to go into the container.
2. Create folders

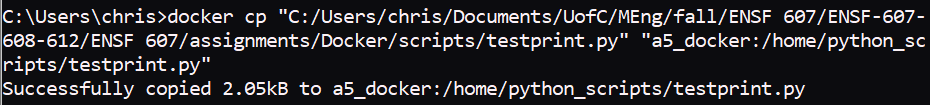
A black screen with white text

Description automatically generated

A black background with white text

Description automatically generated

1. Now we want to upload our little Python script named testprint.py.
2. Run the command to upload the python script.



A black screen with white text

Description automatically generated

1. Run the command.

