# Docker Reference:

To download a docker container image:

# docker pull <container\_name>

# docker pull httpd:latest

# docker pull hello-world

# docker pull ansible-ansible:default

To create a container from the image:

# docker run <image>

To run the apache container with port number 5000 listening on the host to be mapped to port 80 of the container. The /bin/bash command gives the container a bash shell.

# docker run -it -p 5000:80 httpd /bin/bash

To run the ansible container with the host directory /ansible mapped to /etc/ansible directory in the container:

# docker run -it -v /ansible:/etc/ansible ansible:ansible:default /bin/bash

Everything put into the /ansible directory in the host would be reflected in the container inside the /etc/ansible directory.

To run an apache container with port and directory mapping:

# docker run /dit -p 5000:80 -v /apache:/usr/local/apache2/htdocs

In the above command, the htdocs folder contains the html files. Therefore, the html files should be added to the /apache folder in the host.

To attach the container to current shell.

# docker attach <container\_nickname>

If the container has a bash shell then the above would give access to the container shell.

To start an already created container:

# docker start <container\_nickname>

To stop an already created container:

# docker stop <container\_nickname>

To delete an already created container:

# docker rm <container\_nickname>

To list all the **active** containers:

# docker ps

To list all the created containers:

# docker ps -a

To remove a container image:

# docker rmi <image\_name>