We create docker image or we use pre defined image which help to run the application using container. Every contains internally use VM OS to run the application

Docker compose : Docker compose is a toolkit provided by docker which help to run more than one container. Those container are responsible to run respective application. These container can run independently or they can communicate with each other to do some task or share the data.

These all container must run on same machine or same node.

Docker compose use docker-compose.yaml or yml (yet another markup language) file which contains all container details as a service.

First check the docker-compose version

docker-compose --version

docker-compose up --build (up start all images as well as if need to build it will build).

Test all container with respective port number

Like

<http://localhost:8181>

to stop

cntr + D or cntr + D

docker-compose up --build -d start all contains in background

docker-compose down stop all container