DOCKER notes:

Docker is container management service, keywords of docker 1: Build. 2: ship 3: Run

Docker engine: It is used for building docker images and creating docker containers

Docker HUB: This is the registry which is used to host various docker images

Docker compose: This is used to define applications using multiple docker containers

Docker image: It is a template of instructions which is used to create containers. Docker image is built by using file called docker file, whereas docker containers are built from docker images. It is comprised of multiple layers

By default docker image start with a base layer, each layer depends on the layer below it . Image layers are created by executing each command in docker file and are in the read only format

Whenever user creates container, a new layer is formed on top of the image layer called container layer, every container has a separate (R/W) container layer and any modification in a container is reflected

Upon the container layer alone , when a container is deleted as well as the top layer also get deleted