Docker !

→ create instance in Google cloud

docker network ls
      → How docker interact)
      default network (Bridge Networks)

docker images

            to find out different images
                        ↓
                  dockerhub

docker pull centos
      pull the image from the hub.com

docker images
            to check image is successfully pulled

docker inspect
      to check network bridge attached or not
                        eg centos ↔ image name

docker run centos
      → How do I create container from image

docker ps - to check process running
docker ps -a

docker run -it centos
                  ↓
            interactive terminal → it-→ it enters
                                          into the term...

      exit
            container will stop

docker start cd5
      → How to start container

docker exec -it cf5 /bin/bash   instead of image replace container

— how do we check same container terminal
                    again

        without entering and check

    ctrl +p q
        it will come out of the container
                terminal

docker inspect cf5
            to check whether the network called
            bed or not

docker stats

To set the memory & CPU
                                    to limit the memory
    docker
    docker run -itd --memory=512M centos
            container will not into terminal
            it will run in background
            it won't exit

docker stats
        — new memory has been reduced
    if we desir give memory, it will use
        more storage

docker exec -it 1b /bin/bash

touch. a.txt testdockest.txt
            files created

docker commit

whatever save the info in terminal when
ver we have stored in container
done in container

docker commit 1bc doctest:v,
↓   ↓
↓   Image name.
container id or name

Image → container → Image
                      ↓
         because container
              understands images

docker run -itd doctest:v,
    to create container again, whras
    was deleted

dockerrm -f 8f9
        —delete

docker run -itd —name doctor doctest:v,

pull
    to store whatever done i to some other
    will image

docker push doctest:v,
    —Acces denies
    ✓ push docker image to docker hub

docker losin
    give credentials to establish
                        connection b/w
                    docker
        dockerhub & host machine

sovnow we should target to match repo name   tag name

docker tag doctestv1 rsundargandoba/dockarses:V2
rename the image same to repo name otherwise
we can't pull the image

docker pull reponame
docker rmi   -f doctestv1

   -to remove images.