Videos:
https://drive.google.com/drive/folders/1y9hdS__IfVLan-IHAMZf8z41EX3p8vAH?usp=sharing

1. With conternization your are able to deploy many applications on the same OS, and virtualization allows the user to run multiple operating systems on the same device or hardware.
2. Docker image is a set of instructions for creating a container that can be used on docker. A docker container allows the user to standardize the executable components of the application in conjunction with the OS libraries and dependencies, so that the application can be deployed in any environment. Docker registry is the place where you store your app, it stores the docker images in the different version tags.

3. Docker commands
    a. Docker run -r hello-world:1.0- run the image
    b. Docker run -d hello-world:1.0 - run the image in daemon mode
    c. Docker build -t hello-world:1.0 - builds the hello world image and using the tag 1.0 to specify version
    d. Docker ps - shows all the running containers
    e. Docker ps -a - shows all the containers running or not
    f. Docker logs <Container id> - shows the details of the what is going on inside the container
    g. Docker images -shows the current images on docker
4. At the end of the video, there are two running containers, what commands can be used to stop and delete those two containers?
    a. Docker stop - to stop the container from running
    b. Docker rm - to remove the stopped container
5. An application the utilizes aspects of multiple containers such as a database like mysql and a webserver instance for example.
6. F
7. Docker rm -f can be used to stop the docker application and delete its images
8. Docker commands
9. GCP shell commands
10. A Kubernetes pod is a small deployable object, a kubernetesse