**Sept Docker part5 HW**

1. What is the difference between ADD and COPY in the Dockerfile?
2. Are instructions in Dockerfile case sensitive?
3. What is the meaning of base image in docker?
4. Write a Dockerfile that can download a zip file and put it in target directory without using wget, cd or mkdir . The link is <https://linux-devops-course.s3.amazonaws.com/WEB+SIDE+HTML/covid19.zip>
5. What is the purpose of LABEL in the Dockerfile?
6. What is the difference between ARG and ENV in Dockerfile
7. Using ARG and ENV, write a Dockerfile that can create a user call ansible with its home directory /home/ansible and proper permission, with the complete name ansible Kubernetes, add that user to a secondary group Jenkins, expose the port 8080
8. What is the difference between ENTRYPOINT and CMD in Dockerfile?
9. What is the difference between image and layer in docker?
10. Write a Dockerfile that will give the kernel version of the container such a way we can’t overwrite it accidentally.
11. Write a docker file to containerize an application from the link <https://linux-devops-course.s3.amazonaws.com/articles.zip> and using instructions such as WORKDIR, ENTRYPOINT and ADD to minimize the use of RUN.