**Docker Assignment 5**

1. How big can Docker containers get? Are there any prerequisites for this?

Ans: In my opinion, ideal size is only ideal for your exact case. For me and my current company, we have no image bigger than 1GB.

1. What operating systems does Docker support?

Ans: LINUX ,WINDOWS, MACOS

1. How can I figure out what a Docker container's state is?

Ans: Type command docker ps -a

1. How do you unpause a Docker container?

Ans: use the docker unpause command.

1. Is it possible for a container to restart on its own?

Ans: Yes, it can be done. Docker provides restart policies to control whether your containers start automatically when they exit, or when Docker restarts.

1. Is it better to use the RM command to delete the container or to stop it by removing it?

Ans: Stopping the container and then removing it will allow sending SIG\_HUP signal to recipients. This will ensure that all the containers have enough time to clean up their tasks. This method is considered a good practice, avoiding unwanted errors.

1. Is it a smart idea to use Docker to run stateful applications?

Ans: I would think it would not be a good idea.

1. Will cloud overtake the concept of containerization?

Ans: Not completely sure about this but, new cloud-based applications can be built from the ground up as containerized microservices.

1. How do you load a pre-exported Docker image onto another Docker host using a command?

Ans: We use the docker export command.