Case Study - Containerization using Docker Part 2

Problem Statement:

You have been hired as a DevOps Engineer in GrapeVine Pvt. Ltd. You have been asked to improve the way the company is managing their Docker containers.

Following tasks have been assigned:
1. Deploy a sample HTML website in any Apache container and demonstrate how we can dynamically change content in the container by making changes on the host machine (bind mounts)
2. Deploy Apache and NGINX containers using Docker Compose. Apache should be exposed on Port 91 and NGINX on port 92
3. Initialize a Docker swarm cluster and deploy two Ubuntu containers in an overlay network. Demonstrate they can communicate with each other by pinging them