**Task 1 Docker Networking:**

* + Task: Create two Docker networks named **net1** and **net2**. Then run two **nginx** containers: **nginx1** connected to **net1** and **nginx2** connected to **net2**. Verify that **nginx1** cannot ping **nginx2** and vice versa.
  + Evaluation: The user should be able to demonstrate understanding of Docker networks, how to create them, how to connect containers to them, and the isolation they provide.

**Task 2 Docker Volumes:**

* + Task: Create a Docker volume named **vol1**. Run an **ubuntu** container, mount **vol1** to a directory called **/data**, and write a text file in the **/data** directory. Verify that the file remains after the container is stopped and removed, and can be accessed by a new container using the same volume.
  + Evaluation: The user should demonstrate understanding of Docker volumes, how to create them, how to mount them to a container, and how they persist data across container lifecycles.