1. Is this statement correct: You can't create multiple containers from the same image?

False

2. Is this statement correct: All containers running on a single machine share the same operating system kernel, so they start instantly and make more efficient use of RAM.

True

3. Is this statement correct: Containers include the application and all of its dependencies, but share the kernel with other containers. They run as an isolated process in userspace on the host operating system. They're also not tied to any specific infrastructure – Docker containers run on any computer, on any infrastructure, and in any cloud.

True

4. Fill in a blank: _____ is a cloud-hosted service from Docker that provides registry capabilities for public and private content

Docker Hub

5. Fill in a blank: _____ is a tool for defining and running multi-container Docker applications.

Docker Compose

6. Fill in a blank: _____ is native clustering for Docker. It turns a pool of Docker hosts into a single, virtual Docker host.

Docker Compose

7. Fill in a blank: _____ is a text document that contains all the commands a user could call on the command line to assemble an image

Dockerfile

8. Explain Docker command: docker exec -it container_id bash

This will create a new Bash session in the container_id

9. Explain Docker command: docker build -t my_user/repo_name:1.0

This creates a Docker image tagging it.

10. Explain Docker command: docker commit -m "My first update" container_ID user_name/repository_name

11. Explain Docker command: docker push user_name/repository_name

share your images to the Docker Hub

12. Explain Docker command: docker ps

List all running containers.

13. Explain Docker command: docker images

List the most recently created images

14. Explain Docker command: docker ps -a

List containers running or not

15. Which command runs a Docker container?

docker run [docker_image]

16. Which command stops Docker a container?

docker stop my_container

17. Which command deletes a Docker container?

docker rm my_container

18. Which command deletes a Docker image?

docker image rm