PRACTICE EXERCISES FOR 7-B MODIFY AND PUSH DOCKER IMAGE

Exercise 1: Modify a Container and Save It

1. Pull the latest **Alpine Linux** image using `docker pull alpine.`
2. Run a container from the Alpine image:

   `docker run -it --name myalpine alpine`.
3. Inside the container, install the `curl` tool:

   `apk add curl.`
4. Verify the installation:

   `curl --version.`
5. Save this container as a new image named **myalpine-curl**:

   `docker commit myalpine yourdockerhubusername/myalpine-curl.`

Exercise 2: Use a Text Editor in a Container

1. Pull the image for a popular text editor like **Nano**:

   `docker pull alpine.`
2. Run the container:

   `docker run -it alpine.`
3. Inside the container, install Nano:

   `apk add nano.`
4. Open Nano and create a text file:

   `nano myfile.txt.`
5. Save the file and exit Nano.

Exercise 3: Run a Python Script in a Container

1. Pull the Python image:

   `docker pull python.`

2. Run a container with Python:

```
docker run -it python.
```

3. Inside the container, write and run a simple Python script:

```
print("Hello, Docker!")
```

4. Exit the container when done:

```
exit.
```