**ENSF 607**

**Assignment 5**

By: Yajur Vashisht

Due Date: November 3rd, 2023

1. Setting up DockerHub account

A screenshot of a computer

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1. Installing the application

A screen shot of a computer

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1. Opening in terminalA screenshot of a computer

   Description automatically generated
2. Checking image directoryA screenshot of a computer screen

   Description automatically generated
3. Performing commands to create a new directory

A screenshot of a computer

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1. Copying script over and running testprint.pyA screenshot of a computer

   Description automatically generated

**-itd Command**

The -itd sequence of flags is used with the docker run, for creating and managing containers. These flags set the container to run in a specific mode.

The -i flag keeps STDIN open, allowing for interactive use, -t allocates a pseudo-TTY, creating a terminal interface, and -d runs the container in detached mode(operates in the background).

This is ideal to start a container but does not block the terminal session. Giving, both background execution and the capability for interactive engagement. Executing docker run -itd image\_name would start a container from the specified image, ready for background execution with an interactive shell available for connection.