**EXPERIMENT 3**

**Name- Isha Ipsita Dated – 17th of august 2022**

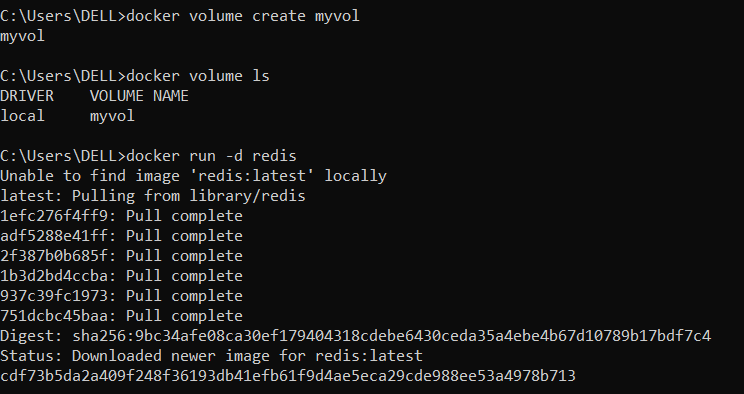
AIM: Working with Docker Volume

Steps to Complete:

1. View all Volume in Docker

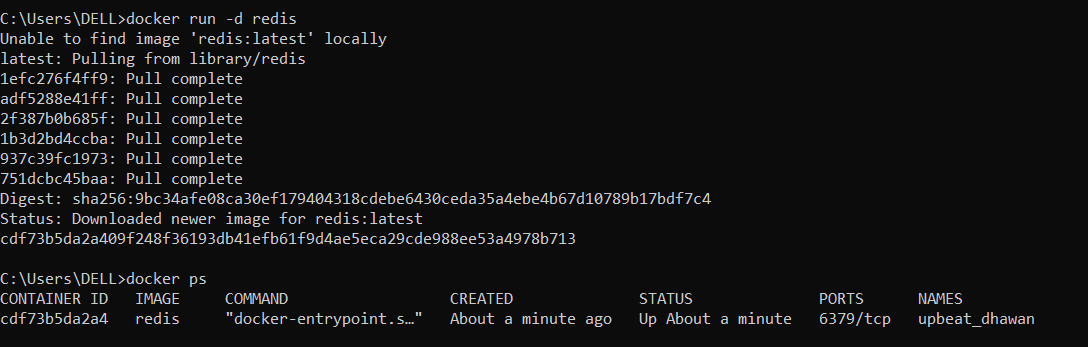


1. Create a new Volume

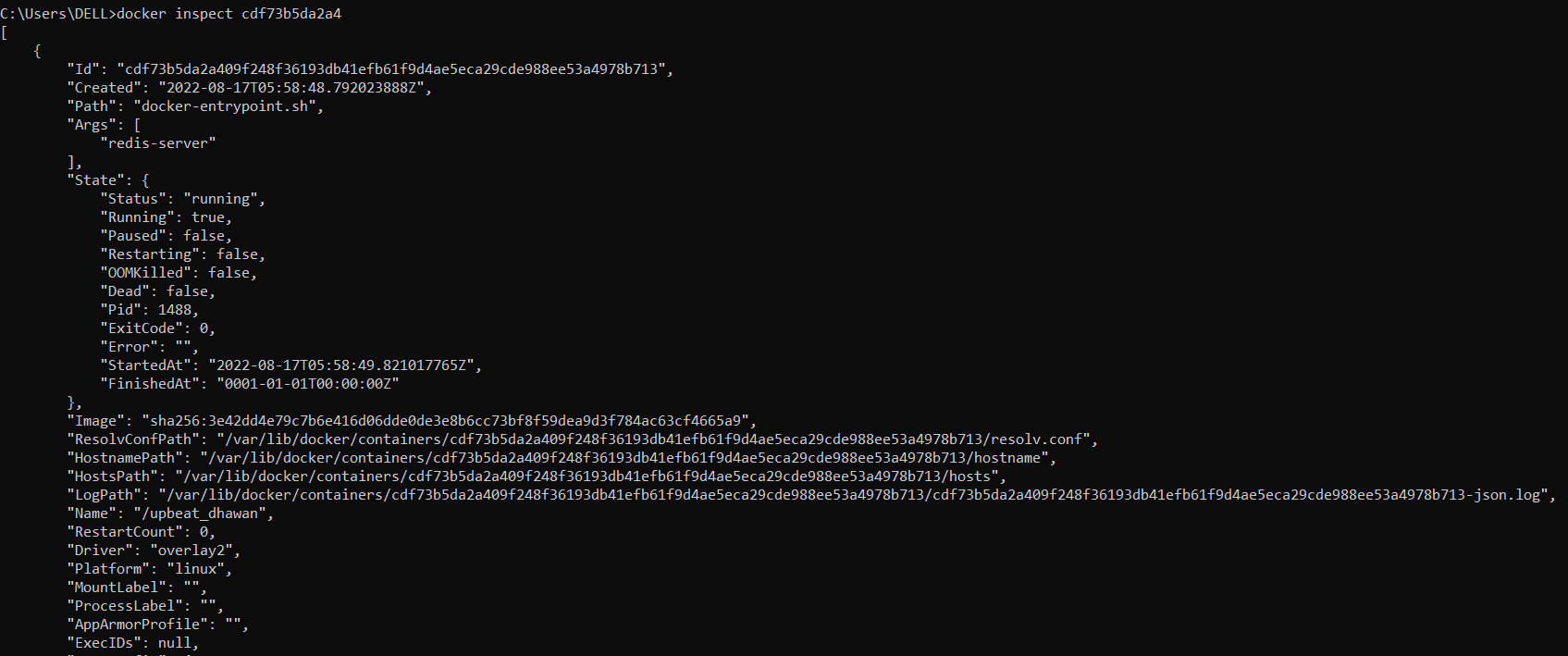


1. Mount a Volume with a container

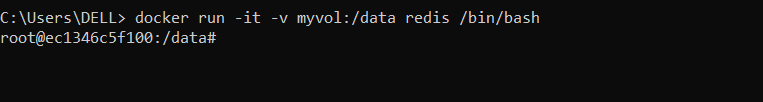
**docker run -d redis docker ps,**

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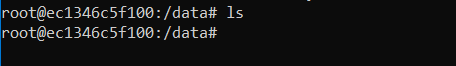
**docker inspect<containerid>**

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**docker run -it -v myvol:/data redis /bin/**bash (opens interactive terminal and -v flag is for mounting volume)

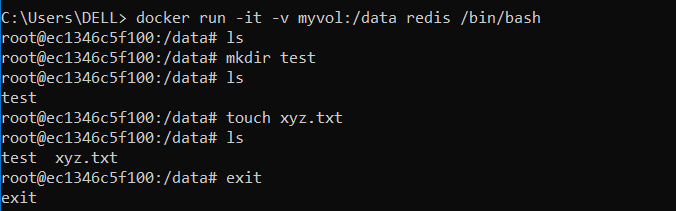
****

**ls**

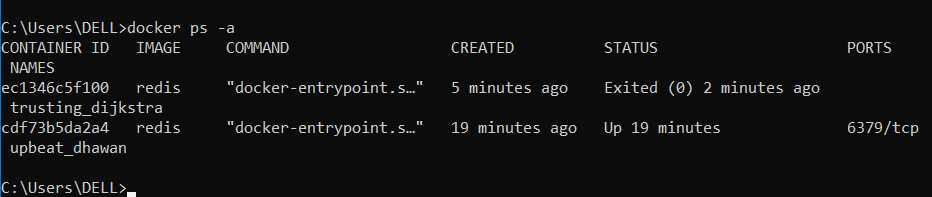
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**Ls gives blank results as the volume is newly created and mounted**

**mkdir test, touch xyz.txt,exit**

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**docker ps-a**

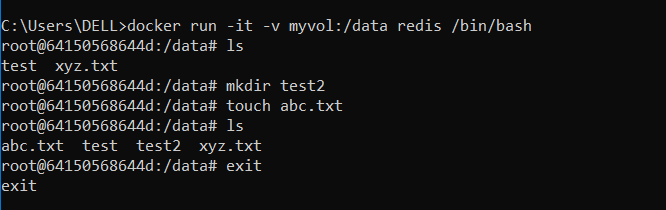
****

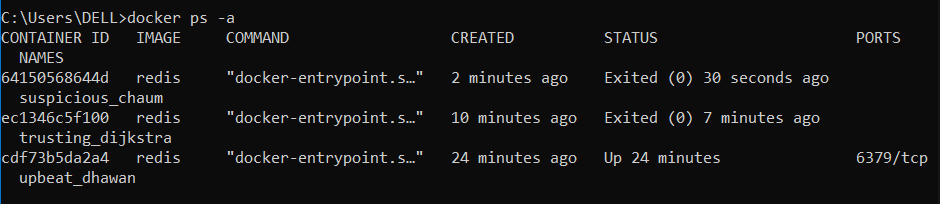
1. Create another container and Mount with the same Volume

Run again command- **docker run -it -v myvol:/data redis /bin/bash**

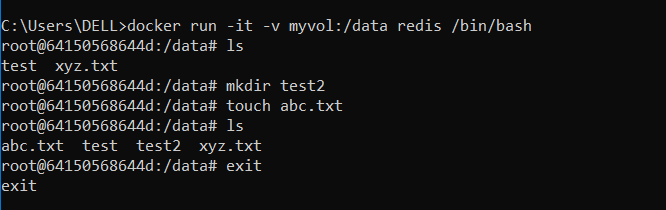
**(Creates another container mounted on the same volume)**

**Repeating all previous steps**





1. See the complete working of container



6. Exited from container and restart again to see the persistent of Docker

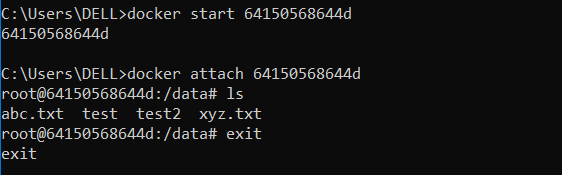
Volume

**Shows exited containers**



**Restarting command-**

**Docker start <cid> , docker attach<cid>, exit**

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