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**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**

**College of Engineering Studies**

**Dehradun**

**Lab Exercise 3**

Programme: B. Tech in Computer Science and Engineering with

Specialization in DevOps

Course: Application containerization & Orchestration Lab

Semester: V

Session: August – December 2022

Batch: 2020-2024

Faculty : Dr Hitesh Kumar Sharma

**Submitted By:**

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| **Name** | **SAPID** | **ROLL NO** |
| **Jasmine Wadhwa** | **500086813** | **R2142201778** |

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**Cybernetics Cluster**

**School of Computer Science**

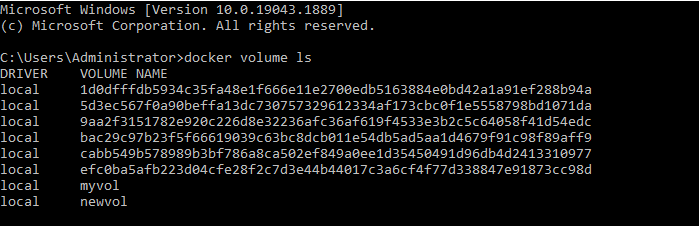
**University of Petroleum and Energy Studies**

**Dehradun-248007**

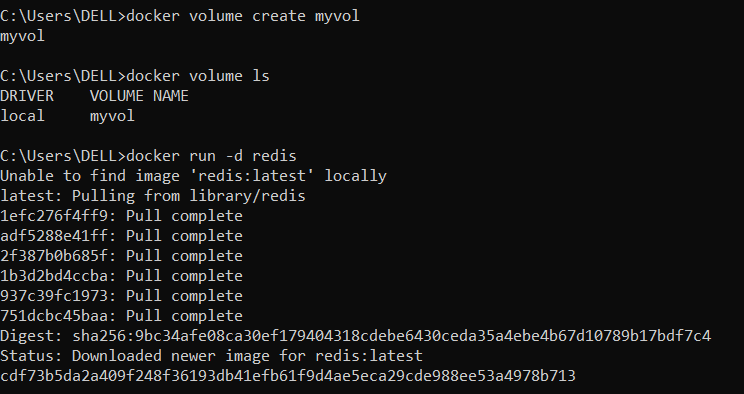
**Aim: Working with Docker volume**

**Steps to Complete:**

1. View all Volume in Docker



1. Create new volume

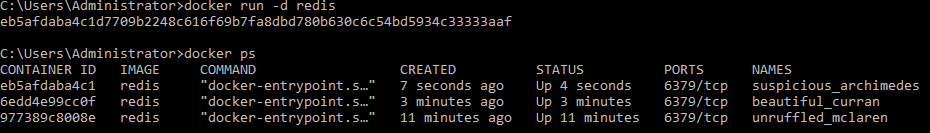


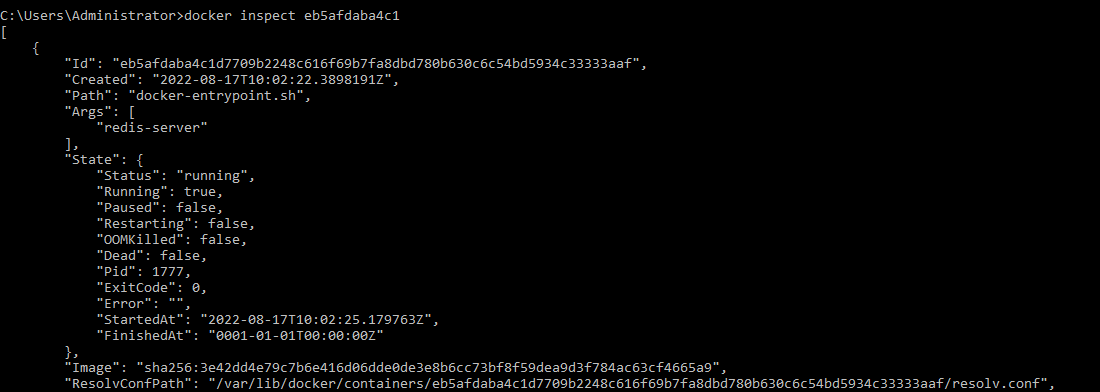
1. Mount a Volume with a container

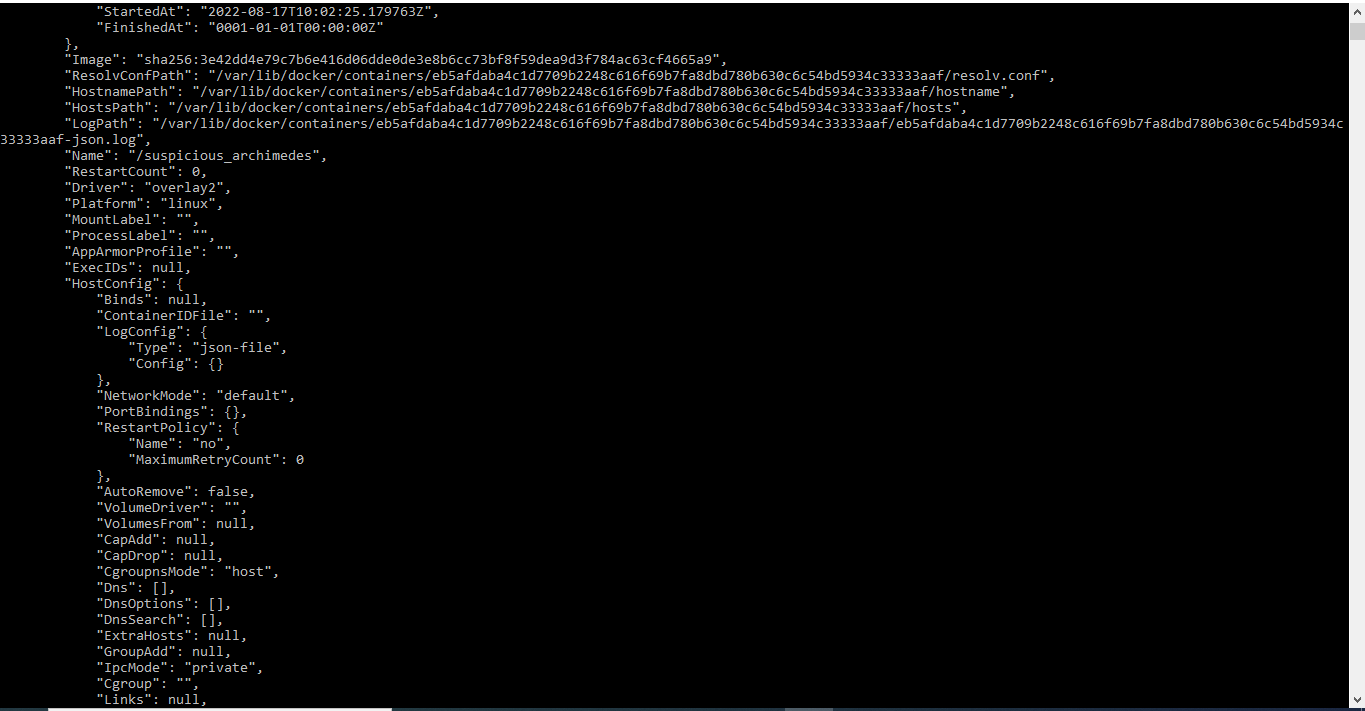
**Commands : docker run -d ,**

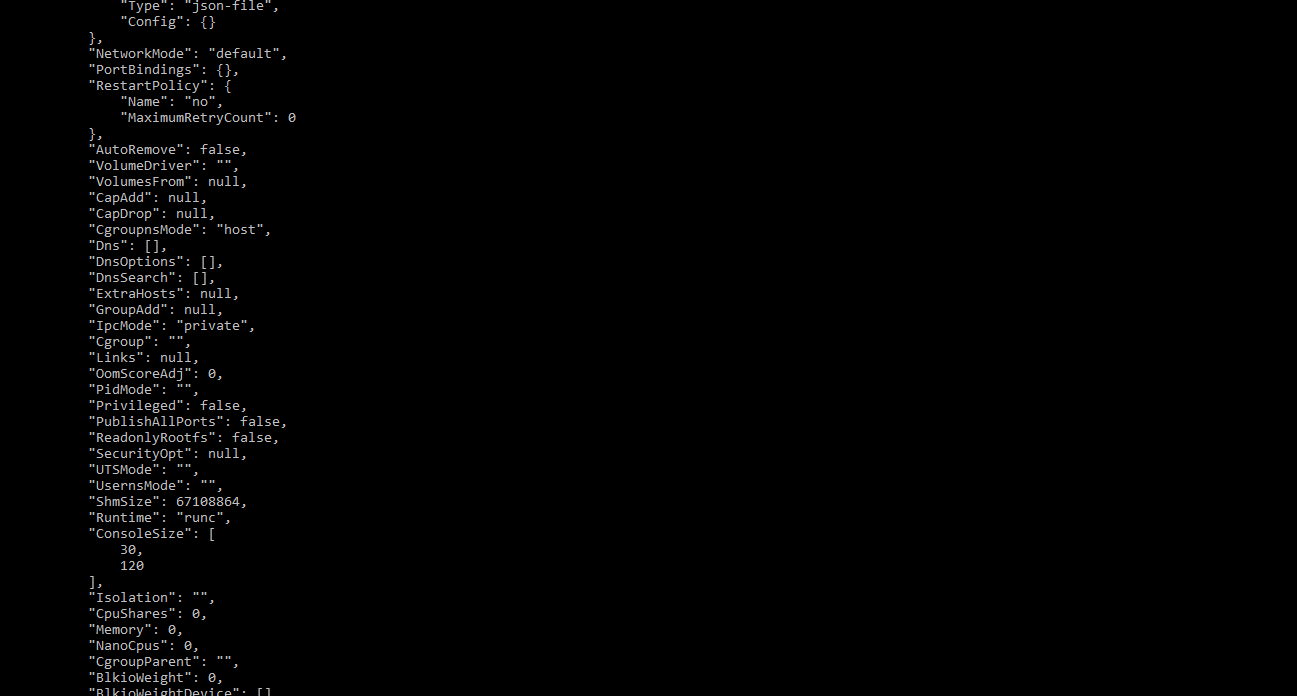
**redis docker ps,**

**docker inspect <container id>**



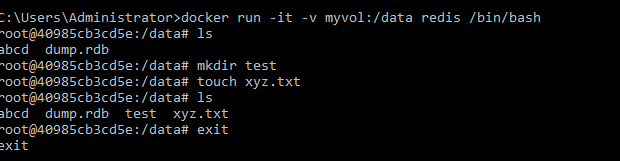


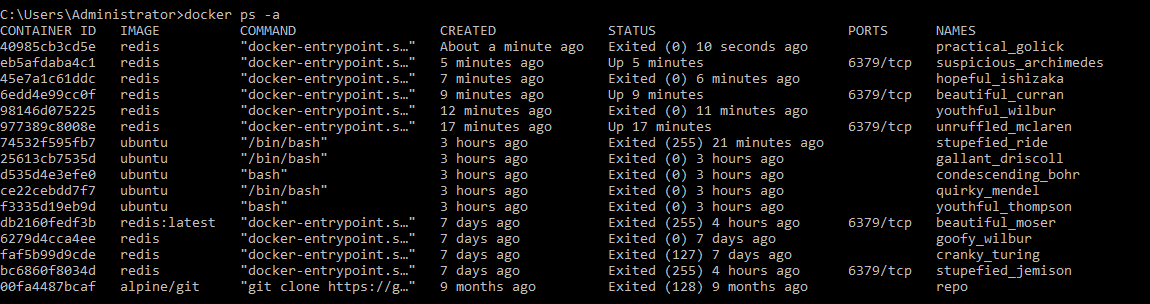


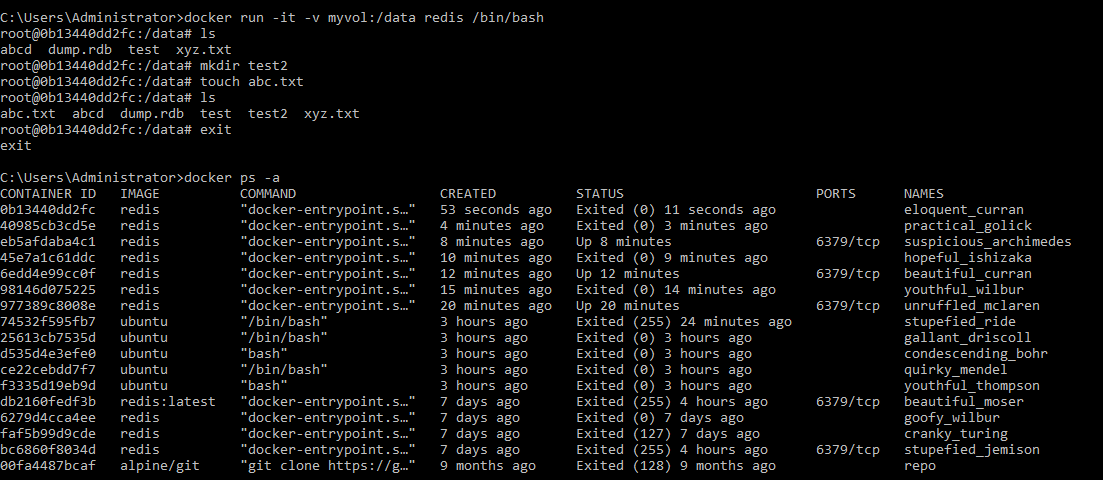


1. Create another container and Mount with the same Volume

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







1. Exit the container and restart it again to see the persistent of docker volume.

