

**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**

**Dehradun**

[**Application Containerization Lab**](https://learn.upes.ac.in/webapps/blackboard/execute/launcher?type=Course&id=_49490_1&url=)

**Experiment-2**

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**Course: B. TECH CSE DevOps (2018-22)**

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**EXPERIMENT 2**

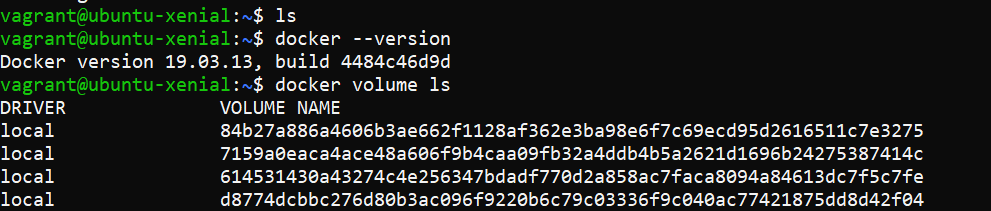
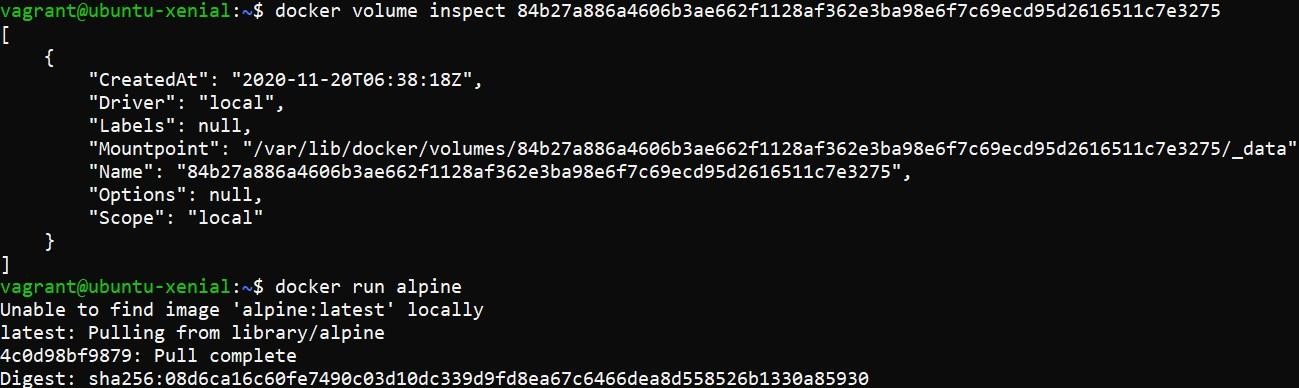
**Starting VM**

**$ vagrant up**

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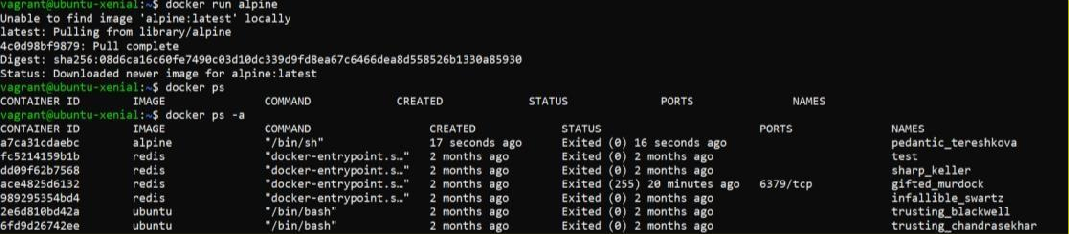
**Listing all the volumes in docker and inspecting a volume**

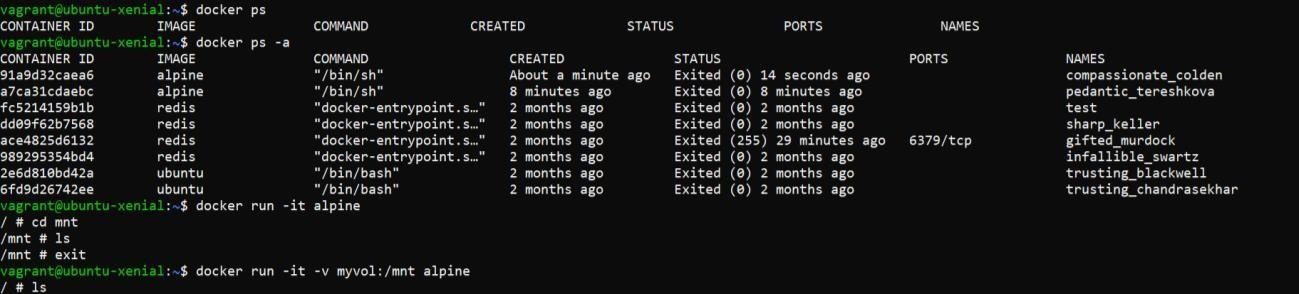
**$ docker volume ls**

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**Running an Alpine Image**

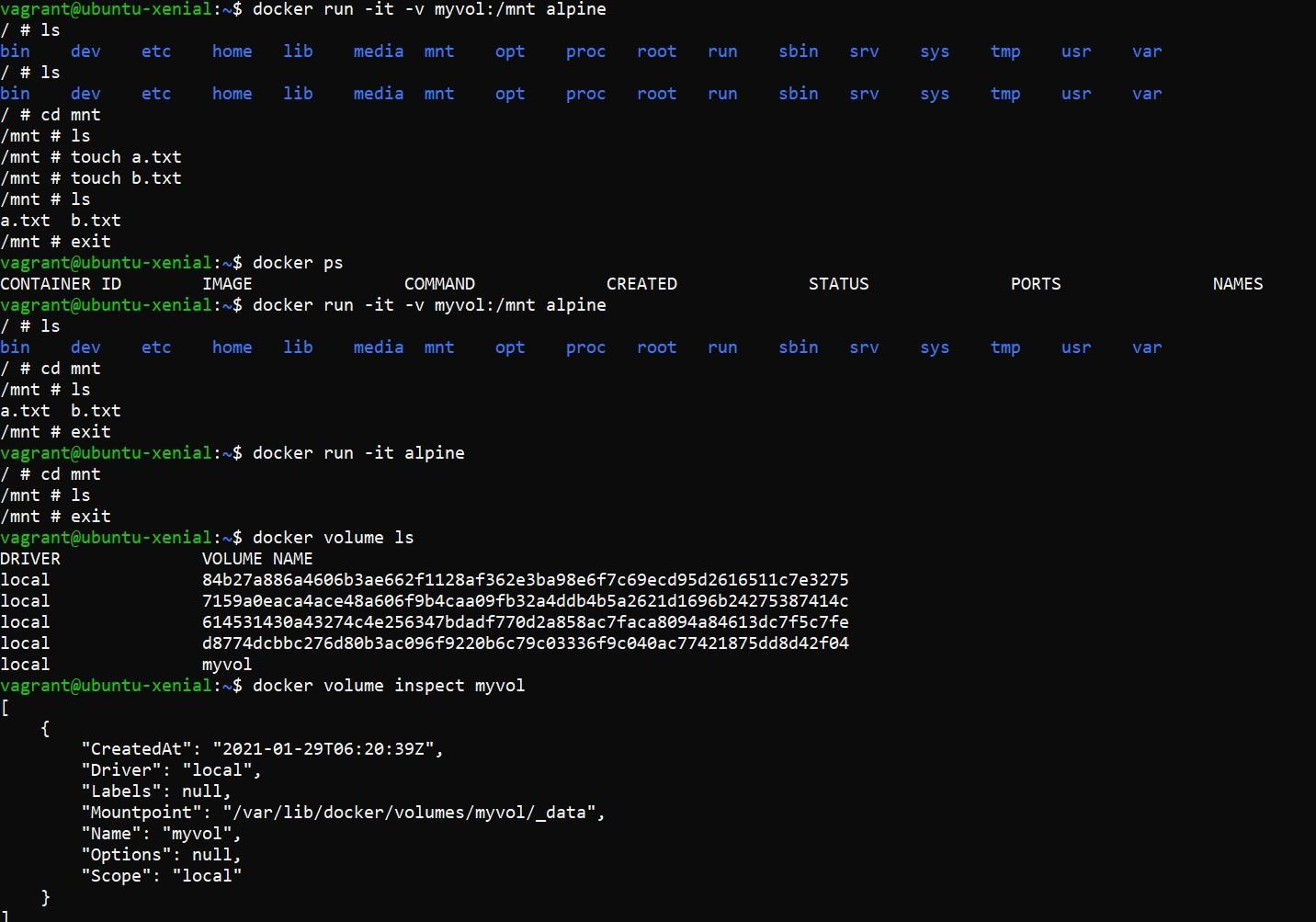
**$ docker run alpine**

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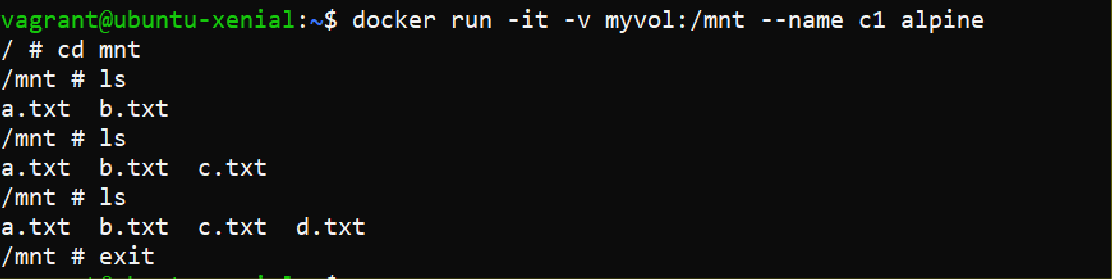
**Creating some files in that alpine cont.**

**$ docker run –it –v myvol:/mnt alpine**

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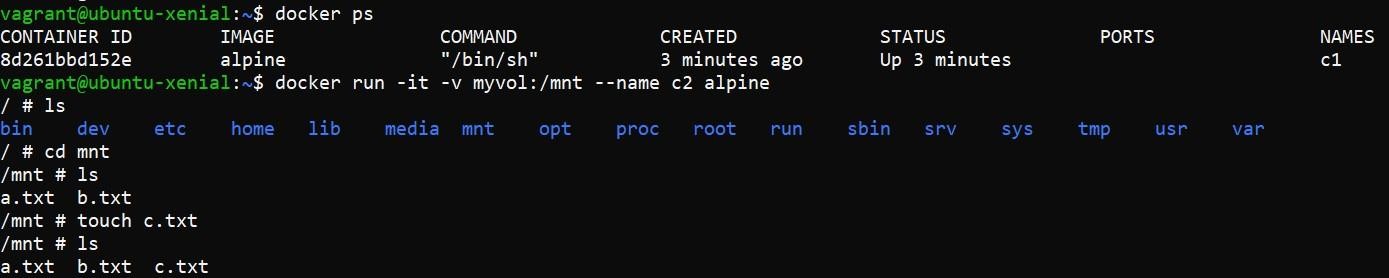
**Creating Container with Volume**

**$ docker run –it –v myvol:/mnt –name c1 alpine**

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**In another instance of terminal, starting a VM and running docker in that**

**$ docker run –it –v myvol:/mnt –name c2 alpine**

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**All the files show synced up**

**$ docker run -it –v myvol:/var ubuntu**