Experiment 2

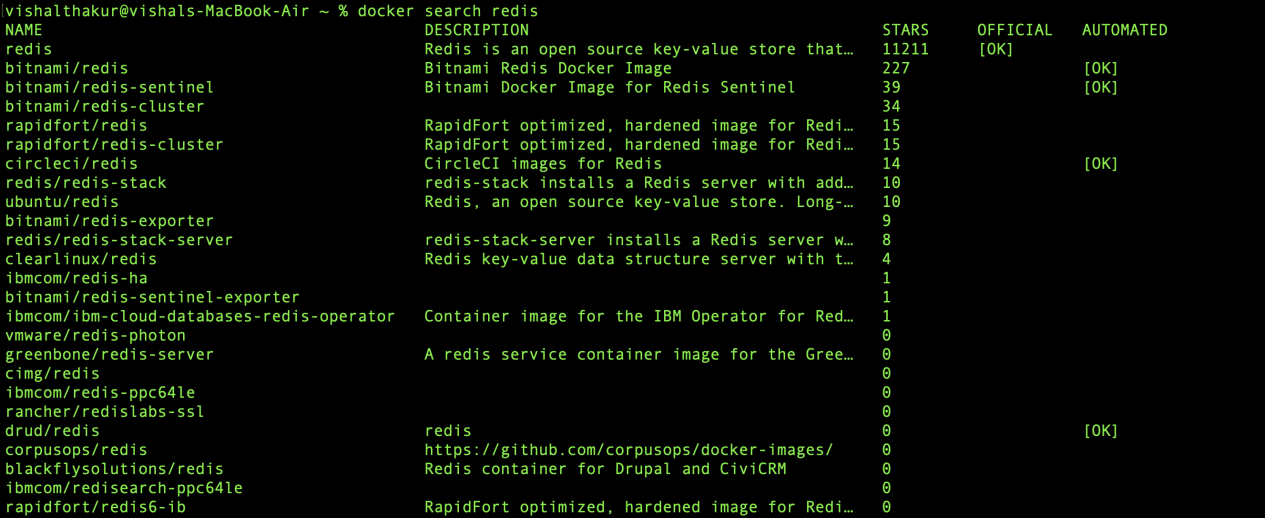
Aim :- Working with docker (basic commands)

1. Searching a Redis image on Dockerhub

Solution :-

Very first we need to search an image of Redis on docker hub using below command.

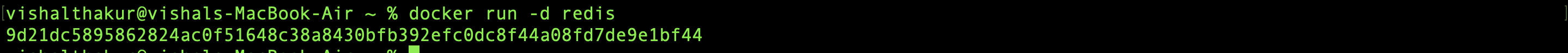
**Command :- docker search redis**



1. Run docker Container of Redis Image in background

Solution :-

**Command :- docker run -d redis**

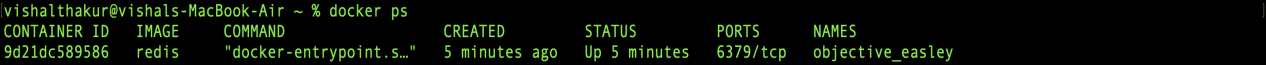


1. Run docker ps and docker ps -a

Solution :-

**Command :- docker ps**

Docker ps command shows all the active processes or container running .



**Command :- docker ps -a**

Docker ps -a command shows all the active and unactive processes or container running.



1. Run Docker Container and take its console

Solution :-

**Command :- docker run -it redis /bin/bash**

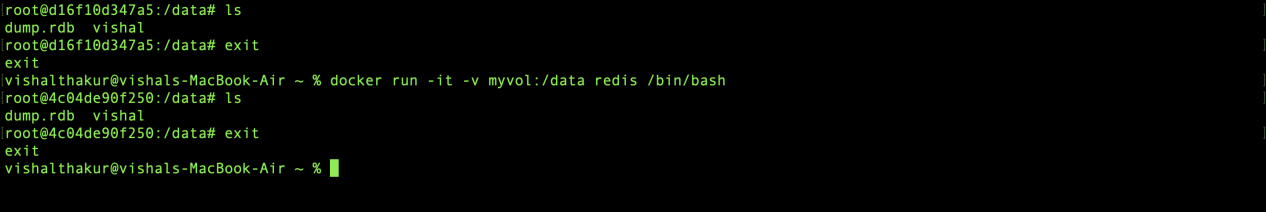
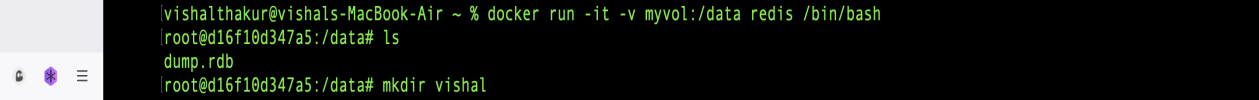
We give ‘/bin/bash’ address because the terminal file is stored in it and we must specify it to access that file particularly.

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1. Create a docker volume and connect it

Solution :-

**Command :- docker run -it -v myvol:/data redis /bin/bash**



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