Question 2: Create a database name mgdb in MongoDB and save above table in mgdb; show application of 4 MongoDB commands.

1: docker ps

```
CONTAINER ID
              IMAGE
                        COMMAND CREATED STATUS
                                                               NAMES
PS C:\Users\Sadhana> docker ps -a
CONTAINER ID IMAGE
                                        COMMAND
                                                                 CREATED
                                                                                                         PORTS
                                                                              STATUS
d6817b2007f
             mysq1
                                        "docker-entrypoint.s.."
                                                                 2 hours ago
                                                                              Exited (0) 7 minutes ago
                                                                                                                   mysqldb
                                       "docker-entrypoint.s..."
                                                                 8 hours ago
c857408a6694
              sadhanatripathi/mongo:2
                                                                              Exited (0) 8 hours ago
```

2: Running docker command for starting dockermongo container

```
PS C:\Users\Sadhana> docker start dockermongo
dockermongo
```

3: Exec bash statement for mongo

4: show dbs and create mgdb

```
> show dbs
admin 0.000GB
config 0.000GB
local 0.000GB
> use mgdb
switched to db mgdb
```

5: CRUD operation

```
vuse mgdb
witched to db mgdb
victhed victhed to db mgdb
victhed t
```

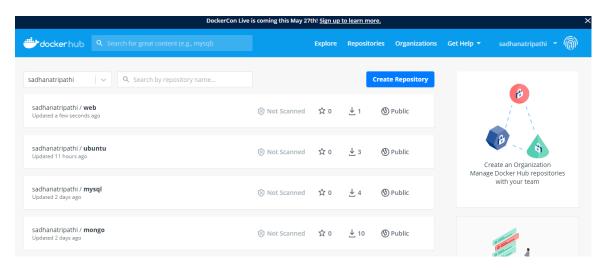
6: Exiting from shell and container

```
> db.user.deleteUne({"_1d":"2"})
{ "acknowledged" : true, "deletedCount" : 1 }
> db.user.find().pretty()
{ "_id" : "1", "name" : "apple", "quantity" : "5" }
{ "_id" : "3", "name" : "pears", "quantity" : "100" }
> exit
>ye
root@c857408a6694:/# exit
exit
```

7: Entering into dockermongo container and checking if database still exist

```
> exit
bye
rootge857408a6694:/# exit
exit
rs: CtUssry1Sadhnans docker exec -it dockermongo bash
rs: CtUssry1Sadhnans docker
rs: CtUssry1Sadhnans
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```

8: Docker image deployement in docker hub



Challenges in deploying mysql and mongo in one container: Pull ubuntu , run container based on ununtu and mysql installation was hindered once in ubuntu shell

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