CS 5331 Project 2

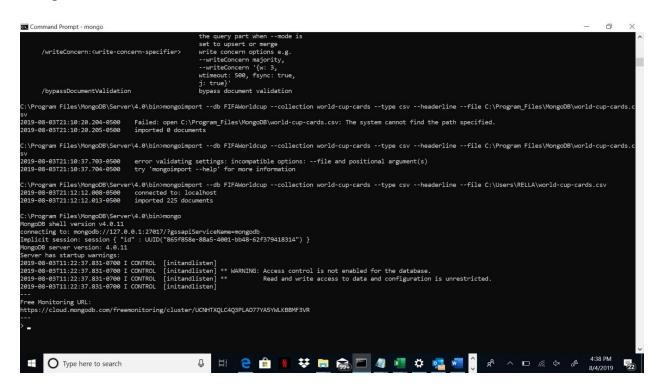
Team members:

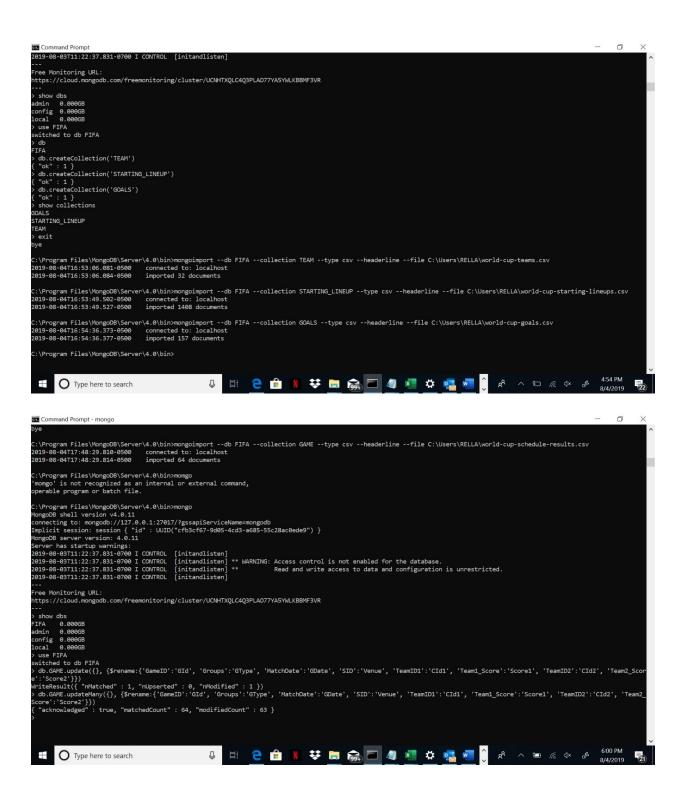
- 1. Tanveer Ahmed Shaik 1001704423
- 2. Satish Rella 1001677995

Objective:

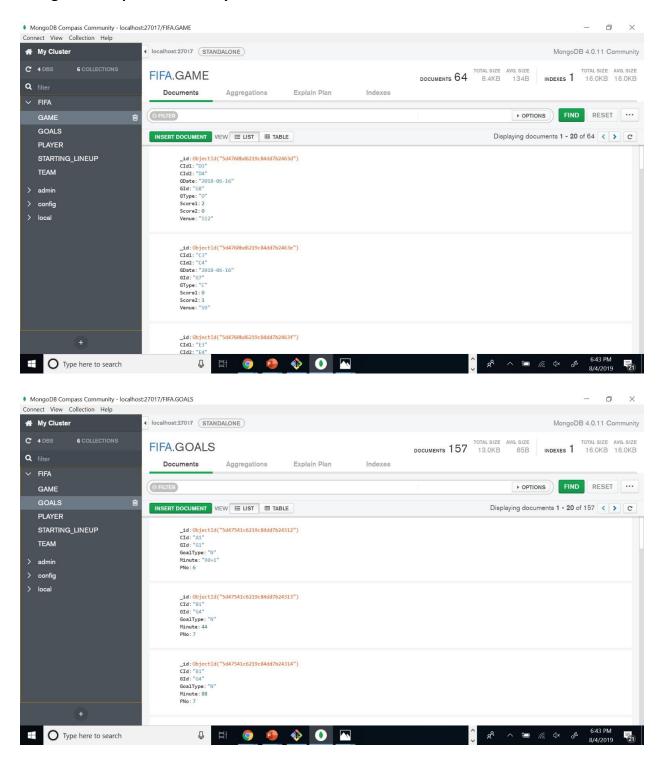
Program to learn MongoDB as an example of a document based NOSQL system, and learn how data is stored and queried in such a system.

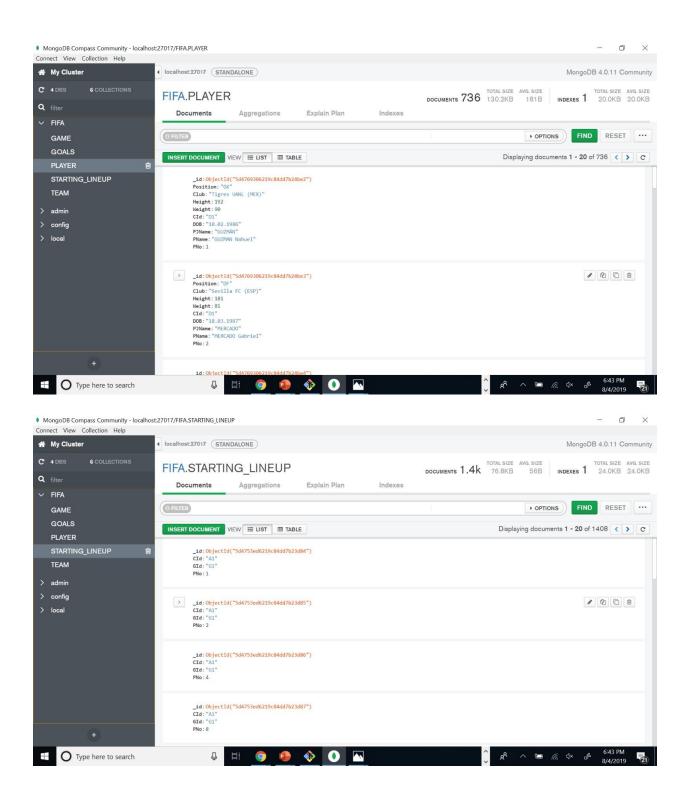
Mongo DB Installation:

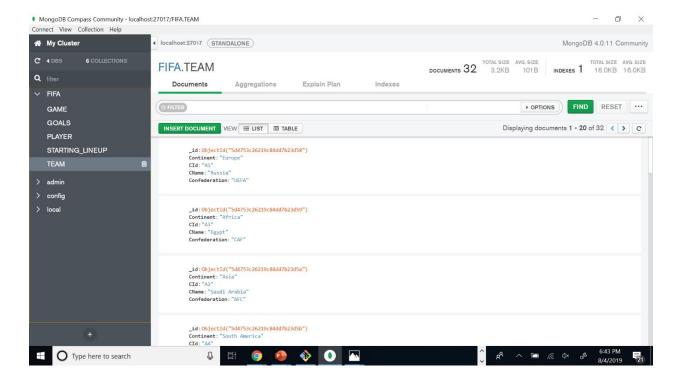




Mongo DB compass community to show created collections and Inserted data:







DB queries:

```
db.createUser(
       user: "TanveerAhmedShaik",
       pwd: "1234",
    roles:["readWrite", "dbAdmin"]
});
db.createUser(
       user: "Satishrella",
       pwd: "1234",
    roles:["readWrite", "dbAdmin"]
});
mongoimport --db users --type csv --headerline --file /opt/backups/contacts.csv
db.GAME.update({}, {$rename:{'GameID':'GId', 'Groups':'GType', 'MatchDate':'GDate',
'SID':'Venue', 'TeamID1':'Cld1', 'Team1_Score':'Score1', 'TeamID2':'Cld2',
'Team2_Score':'Score2'}})
show dbs
FIFA 0.000GB
admin 0.000GB
config 0.000GB
local 0.000GB
```

```
> use FIFA
switched to db FIFA
> db.createCollection('PLAYER')
{ "ok" : 1 }
> show collections
GAME
GOALS
PLAYER
STARTING_LINEUP
TEAM
db.PLAYER.updateMany({}, {$unset: {Team:1}}, {multi: true});
{ "acknowledged" : true, "matchedCount" : 736, "modifiedCount" : 736 }
db.PLAYER.updateMany({}, {$rename:{'TeamID':'CId', 'PlayerID':'PNo', 'FIFA Popular
Name': 'PName', 'Shirt Name': 'PJName', 'Birth Date': 'DOB'}})
db.TEAM.updateMany({}, {$rename:{'TeamID':'Cld', 'Team':'CName', 'League':'Confederation'}})
{ "acknowledged" : true, "matchedCount" : 32, "modifiedCount" : 32 }
db.STARTING LINEUP.updateMany({}, {$rename:{'GameID':'GId', 'TeamID':'CId',
'PlayerID':'PNo'}})
{ "acknowledged" : true, "matchedCount" : 1408, "modifiedCount" : 1408 }
db.GOALS.updateMany({}, {$rename:{'GameID':'GId', 'TeamID':'CId', 'PlayerID':'PNo',
'Time':'Minute', 'Penalty':'GoalType'}})
{ "acknowledged" : true, "matchedCount" : 157, "modifiedCount" : 157 }
```