

## *MongoDB Lab1*

- 1- Install mongodb
- 2- Add mongo DB folder to your system variables path  
Go to -> Edit System environment variables -> Environment variables-> inside system variables choose path and add "C:\Program Files\MongoDB\Server\4.0\bin" apply and exit.
- 3- Open server (on windows shell using command "mongod");
- 4- Open another shell for client using command "mongo" or ROBO3T Tool  
Or mongosh for version 6
- 5- Create database with name ITI → by typing use ITI
- 6- start create new collection named instructors and start with following inserts
  - a- Insert your own data
  - b- Insert instructor without firstName and LastName (mongo will raise an error or not ?)
  - c- Insert many using array contained with lab folder instructors.txt file.
- 7- Try the following queries: (all queries should be run using find or findOne)
  - a- db.instructors.find({});
  - b- db.instructors.find();
  - c- db.instructors.findOne();
  - d- db.instructors.find().constructor.name
  - e- display all instructors with firstName and address

Now try to display the min , max and average salary for all instructors (by javascript) don't use any aggregate functions