

MongoDB Lab1

- 1- Install mongodb server and mongosh client
- 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 "mongosh" or **noSqlBoost Tool**
- 5- Create database with name **ITI** → by typing **use ITI**
- 6- start create new collection named instructors and start with following inserts
 - a- Insert many using array contained with lab folder **instructors.txt** file.
 - b- Insert your own data
 - c- Insert instructor without firstName and LastName (**mongo will raise an error or not ?**)
- 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- `db.instructors.find({}).forEach((document)=>{
 print(document);
})`
 - f-Now from step e try to display only firstName and lastName for each instructor?!
 - h-Then find the average, max and min salary for all instructors.