**NoSQL-Mongo Lab4**

1. Create new Database named **Demo**

And Collections named **trainningCenter1, trainningCenter2**

1. Insert documents into **trainningCenter1** **collection** contains (**Use Variable named data as Array**)

\_id , name as firstName lastName , age , address as array , status

Using insert ONE from **data** Variable

1. Using Same Variable (data) with same data and insert MANY into **trainningCenter2 collection**
2. Use find. explain function (find by age field) and mention scanning type
3. Create index on created collection named it “IX\_age” on age field
4. Use find. explain view winning plan for index created (find by age field) and mention scanning type
5. Create index on created collection named it “compound” on firstNsme and lastName
   1. Try find().explain **before** create index and mention scanning type
   2. Try find().explain **after** create index and mention scanning type
6. Try to delete from your collection where \_id = 5 [insert it if not exists]
7. Delete all documents from the trainingCenter collection.
8. Drop the database and confirm its removal. Which command do you use to ensure the deletion?
9. Backup your Labs database (Mongo\_ITI)
10. Restore the taken back-up by new DB name Called Mongo\_ITI\_New