MongoDB In Class Exercises

1. Create database “test”, and create a collection with name “sample” in this database, insert the following documents:

{ \_id: 1, name: “Mark”, course: “A”}, { \_id: 2, name: “Steve”, course: “B”}, { \_id:3, name: “Bob”, course: “A”}, { \_id: 4, name: “Bob”, course: “C”}

2. Execute the following queries on database “test”:

a. find out all the documents of which ‘\_id’ is 1 or 2;

b. find out all the documents of which ‘name’ is “Mark”

c. find out all the documents of which ‘name’ is “Bob” and ‘course’ is “A”

3. Create a collection named as ‘users’ in database ‘test’, insert multiple documents which will be announced in class.

( go to <https://docs.mongodb.com/manual/tutorial/query-documents/> see “db.users.insertMany” part, insert all the six documents into your ‘users’ collection.

4. Query: In ‘users’ collection, find out all the people whose status is ‘A’ or his/her age is less than 25.

5. Query: In ‘users’ collection, find out all the people whose status is ‘A’, meanwhile, his/her age is less than ‘20’ or his/her type is marked as ‘1’.

6. Query: In ‘users’ collection, find out all the people whose badges are ‘blue’ and ‘black’.

7. Query: In ‘users’ collection, find out all the people whose badges at least have ‘black’

8. In collection ‘users’, if one’s favorite artist is ‘Picasso’, then update his/her favorite food to ‘pizza’ and the ‘type’ to 0.

9. Remove the first document where the status equals ‘A’. What is the function of remove({})???