Name :Ravi Kumar

Usn: 1BM17CS150

Dept: CSE

Sub: BDA lab

LAB-1

Write up

Name : Ravi Kumar
USN : 1BM17CS150
Subject : BDA Lab

Q1) College Database

Collections 1) Student
2) Faculty
3) COE
4) Library
5) Admission
6) ~~College~~ festival

1) use College

2) Insert into student

① db.Student.insert({_id:1, Name:"Ravi", USN:150, Age:22, Branch:"CSE", Mobile: 7996026361, Email:"ravi@bmsce.a cein"})

② db.Student.insert({_id:2, Name:"Ajit", USN:154, Age:22, Branch:"CSE", Mobile: 7777777777, Email:"ajit@ bmsce.ac.in"})

③ db.Student.insert({_id:3, Name:"Amar", USN:777, Age:21, Branch:"CSE", Mobile: 7777788888, Email:"amar@bmsce.

ac.in"})

④ db.Student.insert({_id:4, Name:"Akbar", USN:888, Age:22, Branch:"CSE", Mobile: 7777799888, Email: "akbar.cs17@bmsce.ac.in"})

2) Insert into Faculty

db.Faculty.insert({id:1, Name:"Abc", Age:35, Branch:"CSE", Mobile:7777777777, Email:"abc@gmail.com"})

db.Faculty.insert({id:2, Name:"Def", Age:35, Branch:"CSE", Mobile:7777789777, Email:"def@gmail.com"})

db.Faculty.insert({id:3, Name:"Ghi", Age:35, Branch:"CSE", Mobile:7878787878, Email:"ghi@gmail.com"})

db.Faculty.insert({id:4, Name:"Jkl", Age:35, Branch:"CSE", Mobile:9898989898, Email:"jkl@gmail.com"})

3) Insert into COE

db.COE.insert({id:1, Name:"name1", Age:35, Dept:"CSE", Mobile:8899889988, Email:"name1@gmail.com"})

db.COE.insert({id:2, Name:"name2", Age:40, Dept:"ISE", Mobile:8989898989, Email:"name2@gmail.com"})

db.COE.insert({id:3, Name:"name3", Age:45, Dept:"CSE", Mobile:9977779999, Email:"name3@gmail.com"})

db.COE.insert({id:4, Name:"name4", Age:42, Dept:"ECE", Mobile:8177779999, Email:"name4@gmail.com"})

4) Insert into Library

db.Library.insert({id:1, BName:"book1", Price:350, Sub:"CSE", Author:"Author1", Year:2012})

db.Library.insert({id:2, BName:"book2", Price:350, Sub:"ISE", Author:"Author2", Year:2011})

db.Library.insert({id:3, BName:"book3", Price:450, Sub:"CSE", Author:"Author3", Year:2013})

db.Library.insert({id:4, BName:"book4", Price:550, Sub:"ECE", Author:"Author4", Year:2019})

5) Insert into Admission.

db.Admission.insert({A-id:1, fName:"fname1", LName:"lname1",
Type:"CET", Tenthperent:90,
Twelthperent:95, Place:"placepqr"})

db.Admission.insert({A-id:2, fName:"fname2", Lname:"lname2",
Type:"CET", Tenthperent:91,
Twelthperent:94, place:"placeabc"})

db.Admission.insert({A-id:3, fNam:"fname3", Lname="lname3",
Type:"Comed-k", Tenthpercent:90,
Twelthpercent:93, Place:"place pqr"})

db.Admission.insert({A-id:4, fname:"fname4", Lname=
"lname3", Type:"CET", Tenthpercent:92,
Twelthpercent:95, Place:"placepqr"})

6) Insert into Festival

db.Festival.insert({id:1, Ename:"E1", Etype:"Fun",
dept:"Math", coordi:"abc", Mob:9999999993})

db.Festival.insert({id:2, Ename:"E2", Etype:"Fun", dept:"Math", coordi:"pqr", Mob:8888888888})

db.Festival.insert({id:3, Ename:"E3", Etype:"coding", dept:"CSE", coordi:"lmn", Mob:9191919191})

db.Festival.insert({id:3, Ename:"E4", EType:"debugging", dept:"CSE", coordi:"xyz", Mob:8899889999})

Output

1) db.Student.find() → Screenshot 1

2) db.Faculty.find() → Screenshot 2

3) db.COE.find() → Screenshot 3

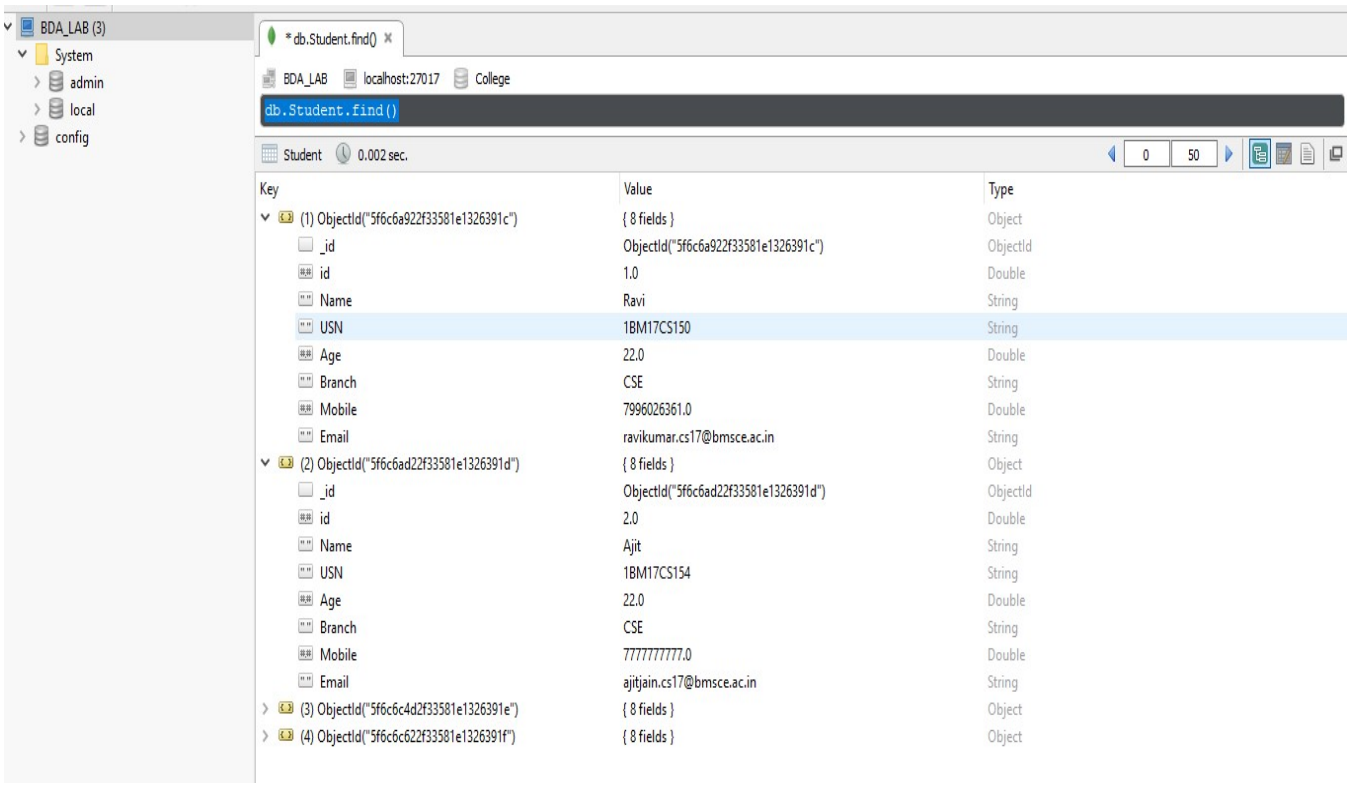
4) db.Library.find() → Screenshot 4

5) db.Admission.find() → Screenshot 5

6) db.Festival.find() → Screenshot 6

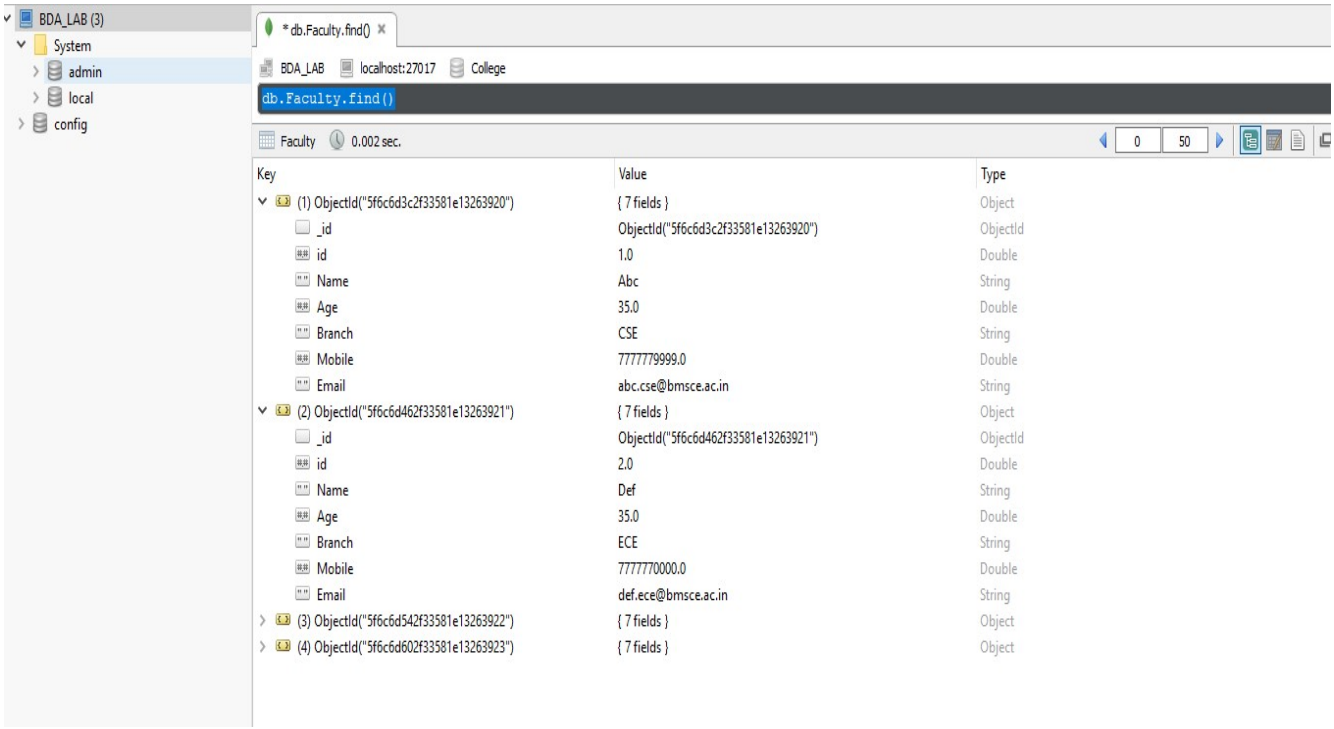
})

Horizon

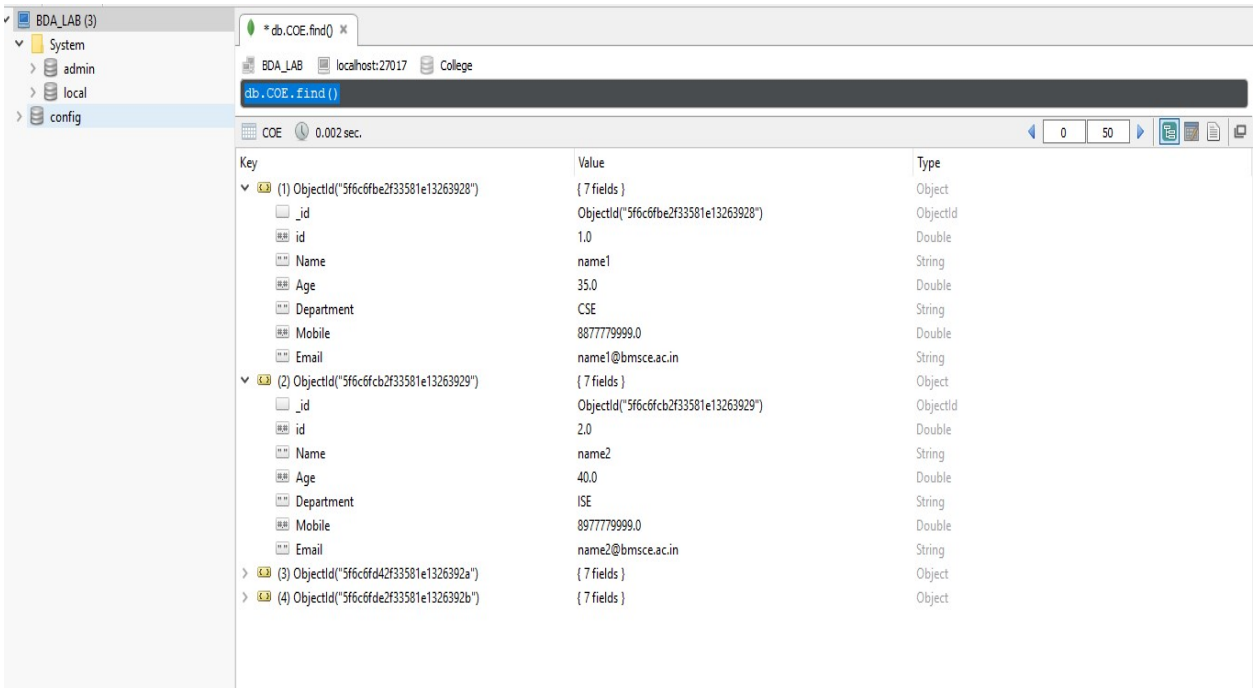


Screenshot 1

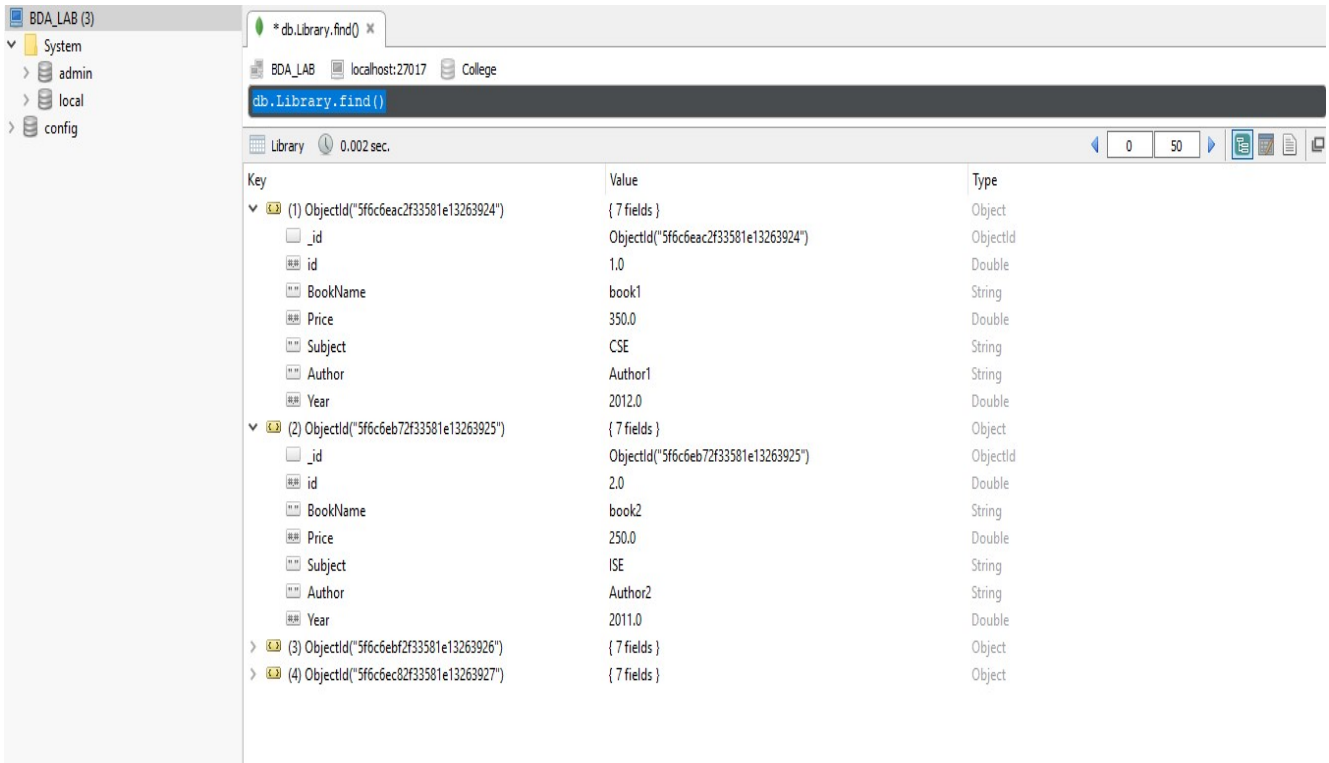
Screenshot 2



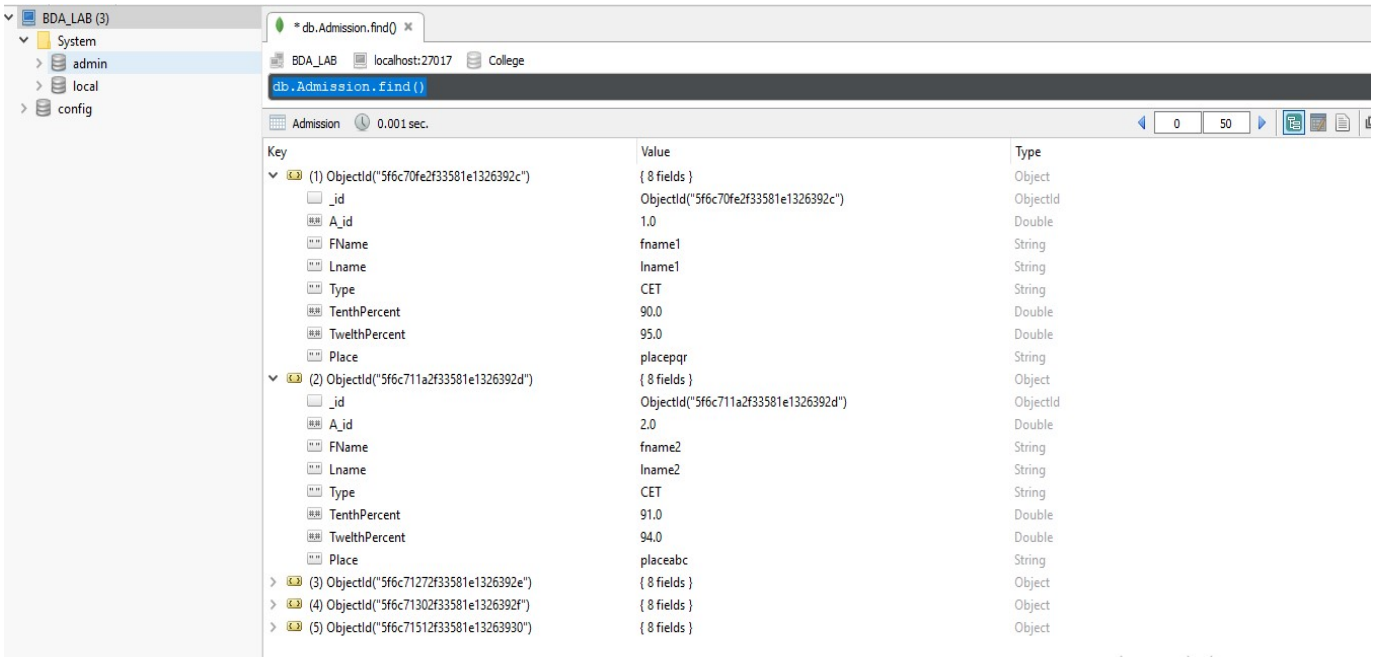
Screenshot 3



Screenshot 4



Screenshot 5



Screenshot 6