BPA LAB1

1) Create database college and add 6 collections and a records to each and display them.

```
> show dbs
admin    0.0 GB
Config   0.0 GB
  local  0.0 GB

> use student
switched todb student

> db. createCollection ("student")
{ "ok" : 1}
> db. student. drop()
true

> use college
switche to db college

> db. createCollection ("student")
{ "ok" : 1}
> db. create Collection ("Faculty")
{" ok : 1}
> db. createCollection ("CoE")
> db. create collection ("Admission")
> db create collection ("Festival")
> db. create collection ("Library")
{"ok" : 4}
```

```
> show collections
Admission
Festival
faculty
Library
CoE
Student
```

```
> db.Student.insert({ "_id" : "1BM17CS05",
  "Age":20, "location": "singai", "Name" : "Nikhil.C",
  "phone" : "8088637797", "email" : "nikhil@bmsce.ac.in"})
{ "Inserted" : 1}
```

```
> db.Faculty.insert({ "userid" : "nirani",
  "Jobtitle": "Professor", "firstname" : "romin",
  "lastname" : "Irani", "_id" : "E1"})
{ "Inserted" : 1}
```

```
> db.Admission.insert({ "_id": "A1", date : "sep 2020",
  "type" : "let", "college": BMSCE, "fee": 25000})
{ "Inserted" : 1}
```

```
> db.Library.insert({ "_id" : "971411", "title":
  "camd c++", "Author": "Jaswail", "pages": 100})
{ "Inserted" : 1}
```

```
> db.COE.insert({ "_id": "C1", "dept" : "CSE",
  "role" : "incharge", "phone": "salary"})
{ "Inserted" : 1}
```

```
> db.Festival.insert({ "_id": "C1", "dept": "CSE",
  "contest" : "codethon", "phone": "8088831797"})
{ "Inserted" : 1}
```

```
> db. student. find()
{ "_id": "IBM171S052", "Age": 20, "location":
"ssingas", "name": "Nikhil.C", "phone": "8088
631707", "email": "nikhil.@bmsce.ac.in"})

> db. faculty. find()
{ "_id": "E1", "userid": "virani", "Jobtitle": "prof",
"firstname": "romin", "last name": "Irani" }

> db. Admission. find()
{ "_id": "A1", "date": "sep2020", type: "cet",
"college": "BMSCE", "fee": 25000 }

> db. Library. find()
{ "_id": "971411", "tittle": "C and C++",
"Author": "Jaswail", "pages": 100 }

> db. COE. find()
{ "_id": "C1", "dept": "CSE", role: "incharge",
"phone": "8088631707", "salary": 50000 }

> db. Festival. find()
{ "_id": "C1", "dept": "CSE", contest: "codethon",
"phone": "8088631707" }
```