LAB 1 – 1BM17CS085

```
show dbs
use clgdb
db.createCollection("Student");
db.Student.insert({id:1, Name:"SagarRudagi", Age:21, USN:"1BM17CS085", Sem:7});
db.Student.insert({id:2, Name:"LarryPage", Course:"CS", USN:"1BM17CS100", Sem:7});
db.Student.find({Name:"SagarRudagi"});
```

Student   0.001 sec.

Key	Value	Type
> (1) ObjectId("5f6c227ce9c0cc533dea4247")	{ 6 fields }	Object
∨ (2) ObjectId("5f6c2958e9c0cc533dea4257")	{ 6 fields }	Object
_id	ObjectId("5f6c2958e9c0cc533dea4257")	ObjectId
id	1.0	Double
Name	SagarRudagi	String
Age	21.0	Double
USN	1BM17CS085	String
Sem	7.0	Double

```
show dbs
use clgdb
db.createCollection("Student");
db.Student.insert({id:1, Name:"SagarRudagi", Age:21, USN:"1BM17CS085", Sem:7});
db.Student.insert({id:2, Name:"LarryPage", Course:"CS", USN:"1BM17CS100", Sem:7});
db.Student.find({Name:"SagarRudagi"});

db.createCollection("Faculty");
db.Faculty.insert({id:1, FacName:"C", FacID:"123"});
db.Faculty.insert({id:2, FacName:"B", Dept:"EC", FacID:"100"});
db.Faculty.find({FacName:"C"});
```

Faculty   0.001 sec.

Key	Value	Type
∨ (1) ObjectId("5f6c298be9c0cc533dea4259")	{ 4 fields }	Object
_id	ObjectId("5f6c298be9c0cc533dea4259")	ObjectId
id	1.0	Double
FacName	C	String
FacID	123	String

```
show dbs
use clgdb
db.createCollection("Student");
db.Student.insert({id:1, Name:"SagarRudagi", Course:"CS", USN:"1BM17CS085", Sem:7});
db.Student.insert({id:2, Name:"LarryPage", Course:"CS", USN:"1BM17CS100", Sem:7});
db.Student.find({Name:"SagarRudagi"});

db.createCollection("Faculty");
db.Faculty.insert({id:1, FacName:"A", Dept:"CS", FacID:"123"});
db.Faculty.insert({id:2, FacName:"B", Dept:"EC", FacID:"100"});
db.Faculty.find({FacName:"A"});

db.createCollection("COE");
db.COE.insert({id:1, EmpName:"C", Designation:"X", EmpID:"001"});
db.COE.insert({id:2, EmpName:"D", Designation:"Y", EmpID:"002"});
db.COE.find({EmpName:"C"});
```

COE   🕐 0.001 sec.

Key	Value	Type
∨ 💿 (1) ObjectId("5f6c25eee9c0cc533dea424f")	{ 5 fields }	Object
_id	ObjectId("5f6c25eee9c0cc533dea424f")	ObjectId
id	1.0	Double
EmpName	C	String
Designation	X	String
EmpID	001	String

```
db.Student.insert({id:1, Name:"SagarRudagi", Course:"CS", USN:"1BM17CS085", Sem:7});
db.Student.insert({id:2, Name:"LarryPage", Course:"CS", USN:"1BM17CS100", Sem:7});
db.Student.find({Name:"SagarRudagi"});

db.createCollection("Faculty");
db.Faculty.insert({id:1, FacName:"A", Dept:"CS", FacID:"123"});
db.Faculty.insert({id:2, FacName:"B", Dept:"EC", FacID:"100"});
db.Faculty.find({FacName:"A"});

db.createCollection("COE");
db.COE.insert({id:1, EmpName:"C", Designation:"X", EmpID:"001"});
db.COE.insert({id:2, EmpName:"D", Designation:"Y", EmpID:"002"});
db.COE.find({EmpName:"C"});

db.createCollection("Library");
db.Library.insert({id:1, BookName:"XX", Section:"CS", BookID:12365});
db.Library.insert({id:2, BookName:"YY", Section:"EC", BookID:78546});
db.Library.find({BookID:12365});
```

Library   🕐 0.001 sec.

Key	Value	Type
∨ 💿 (1) ObjectId("5f6c2685e9c0cc533dea4251")	{ 5 fields }	Object
_id	ObjectId("5f6c2685e9c0cc533dea4251")	ObjectId
id	1.0	Double
BookName	XX	String
Section	CS	String
BookID	12365.0	Double

```
db.Faculty.insert({id:2, FacName:"B", Dept:"EC", FacID:"100"});
db.Faculty.find({FacName:"A"});

db.createCollection("COE");
db.COE.insert({id:1, EmpName:"C", Designation:"X", EmpID:"001"});
db.COE.insert({id:2, EmpName:"D", Designation:"Y", EmpID:"002"});
db.COE.find({EmpName:"C"});

db.createCollection("Library");
db.Library.insert({id:1, BookName:"XX", Section:"CS", BookID:12365});
db.Library.insert({id:2, BookName:"YY", Section:"EC", BookID:78546});
db.Library.find({BookID:12365});

db.createCollection("Admission");
db.Admission.insert({id:1, StudName:"ASD", CourseOpt:"CS", AdmID:"CET098"});
db.Admission.insert({id:2, StudName:"ZXC", CourseOpt:"EC", AdmID:"CDK756"});
db.Admission.find({AdmID:"CET098"});
```

Admission   0.001 sec.

Key	Value	Type
(1) ObjectId("5f6c2735e9c0cc533dea4253")	{ 5 fields }	Object
_id	ObjectId("5f6c2735e9c0cc533dea4253")	ObjectId
id	1.0	Double
StudName	ASD	String
CourseOpt	CS	String
AdmID	CET098	String

```
db.COE.insert({id:2, EmpName:"D", Designation:"Y", EmpID:"002"});
db.COE.find({EmpName:"C"});

db.createCollection("Library");
db.Library.insert({id:1, BookName:"XX", Section:"CS", BookID:12365});
db.Library.insert({id:2, BookName:"YY", Section:"EC", BookID:78546});
db.Library.find({BookID:12365});

db.createCollection("Admission");
db.Admission.insert({id:1, StudName:"ASD", CourseOpt:"CS", AdmID:"CET098"});
db.Admission.insert({id:2, StudName:"ZXC", CourseOpt:"EC", AdmID:"CDK756"});
db.Admission.find({AdmID:"CET098"});

db.createCollection("CollegeFestival");
db.CollegeFestival.insert({id:1, EventName:"XYZ", DeptHost:"CS", Loc:"Auditorium"});
db.CollegeFestival.insert({id:2, EventName:"ABC", DeptHost:"EC", Loc:"Lawn"});
db.CollegeFestival.find({Loc:"Auditorium"});
```

CollegeFestival   0.002 sec.

Key	Value	Type
(1) ObjectId("5f6c27f5e9c0cc533dea4255")	{ 5 fields }	Object
_id	ObjectId("5f6c27f5e9c0cc533dea4255")	ObjectId
id	1.0	Double
EventName	XYZ	String
DeptHost	CS	String
Loc	Auditorium	String