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1BM17CS118
BDA Lab

8. College database

1. Student
2. Faculty
3. COE
4. Library
5. Admission.

1. Use college:

Creations of college:

```
db.createCollection("Student");
  { "ok" : 1 }
db.createCollection("Faculty");
 { "ok" : 1 }
db.Create collection("COE");
  {"OK" : 1}
db.create collection("library");
  {"ok" : 1}
db.Createcollection("Admission");
  {"OK" : 1}
db.Createcollection("festival");
  {"OK" : 1}
```

2. Insertion in student:

```
① db.Student.Insert({_id:1, StudName:
                    "Swarna",
usn:"1BM17CS111", email:"S@gmail.com",
                Sem:7 ; cgpa:9});
```

② db. Student .insert({_id:2, StudName: "Madhu, USN: "1BM17CS112", email: "M@gmail.com"});

③ db. Student. Insert({_id: 3, Studname: Lakshmi, email: "Lakshmi@gmail.com"; Sem: 4});

faculty:

① db.faculty. insert({_fid: 1, fname: "pallavi", dept: "CSE"});

② db faculty. insert ({_fid: 2, fname: "Mahalaks dept: "ise"});

COE:

1. db.COE. insert ({_eid: 1; name: "vani", dep: "cie"});

2. db .COE. insert ({_eid: 2, name: "Deepa", Dept: "See"});

Library:

1. db. library. Insert ({_id: 1, Bookname: "Sherlock Holmes"; BookNo: 1; copies: 3});

2. db. Library. Insert({id: 2, Bookname: "OS"; BookNo: 2; copies: 5});

Admission:

1. db.admission.insert({_Aid : 1, Fname : "Suvarna", type : "comedk", tenthpercent = "97" });
2. db.Admission.insert {(Aid : 1, Fname : "kumari", type : "cet", tenthpercent : '98')};
3. db.Admission.insert{(Aid : 2 ; fname : "kavya" type : "comedk", tenthpercent : "80")};

festival:

1. db.festival.insert (_id : 1, Fname : "Reverse coding"; type : "Academic"; dept : "CSE"});
2. db.festival.insert (_id : 2, Ename : "Treasure hunt", type : "Fun", dept : "CSE"});

selection queries:

1. db.Student.find({ Studname : "Suvarna"});
2. db.~~Studen~~faculty.find ({fname : "pallavi"});
3. db.~~EDe~~.find ({ Name : "Nidhi"});
4. db.Library.find ({});
5. db.Admission.find({});
6. db.festival.find ({});