1 College Database

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Collections

i) Student ii) Faculty iii) COE iv) Library v) Admission

```
> use College
  switched to db College
> db. createCollection ("Student");
  {"ok" : 1}
> db. createCollection ("Faculty");
  {"ok" : 1}
> db. createCollection ("COE");
  {"ok" : 1}
> db. createCollection ("Library");
  {"ok" : 1}
> db. createCollection ("Admission");
  {"ok" : 1}
> db. createCollection ("Festival");
  {"ok" : 1}
```

→ Insertion in Student Collection

```
> db. Student. Insert ( {_id: 1, StudName : "Rohan",
   USN :" IBM18CS411", Email : "rohan.cs18@bmsce.ac.in
   semester : 7, CGPA : 8.5} );
  WriteResult ( {"nInserted" : 1})
> db. Student. Insert ( {_id: 2, StudName : "Shreyas",
   USN :" IBM18CS416", Email : "shreyas.cs18@bmsce.ac.in"
   semester : 7, CGPA : 8.9} );
  WriteResult ( {"nInserted" : 1})
```

Vigneshts

```
> db.Student.insert({_id : 3, StudName : "Manoj",
  USN : "IBMI8CS 419", Email: "manoj.cs18@bmsce.ac.in",
    Semester : 7, CGPA : 9.3 });
WriteResult({ "nInserted" : 1 })
> db.Student.insert({_id : 4, StudName : "Ravi",
  USN : "IBMI8CS 422", Email: "ravi.cs18@bmsce.ac.in",
    Semester : 7, CGPA : 9.1 });
WriteResult({ "nInserted" : 1 })
```

→ Faculty Collection
> db. Faculty insert ({ fid : 1, Fname : "

→ Selection Queries

```
> db.Student.find({ StudName : "Rohan" });
{ "_id" : 1, "StudName" : "Rohan", "USN" :
  "IBMI8CS411", "Email" : "rohan.csd8@
  bmsce.ac.in", "Semester" : 7, "CGPA" : 8.5 }
```

```
> db.Faculty.find({ Fname : "Rajeev" });
{ "fid" : 2, "Fname" : "Rajeev", "Department" :
  "ISE", "Email" : "rajeev.cs@bmsce.ac.in",
  "Subject" : "Python", "Phone" : "8661210439" }
```

```
> db..COE.find();
```