

To create a College Database
 show dbs; use College; db;
Collections:

```

db.createCollection("Student");
db.createCollection("Faculty");
db.createCollection("COE");
db.createCollection("Library");
db.createCollection("Admission");
db.createCollection("CollegeFestivals");
show collections,

```

// OK: "6"

Insert :

db

db.Student.insertMany([

```

{ _id: 1, Name: "Aditi", USN: "18M17CS210", Sem: 7, Dept: "CE", CGPA: 7.8 },
{ _id: 2, Name: "Bharat", USN: "18M17CS211", Sem: 7, Dept: "CE", CGPA: 8.7 },
{ _id: 3, Name: "Chandana", USN: "18M17CS212", Sem: 5, Dept: "CE", CGPA: 8.6 },
{ _id: 4, Name: "Diti", USN: "18M17CS213", Sem: 3, Dept: "CE", CGPA: 8.0 }

```

db.Faculty.insertMany([

```

{ _id: 1, Name: "Anjali", Dept: "CE", Sem: "Professor", email: "a@gmail.com", Ph: 94823 },
{ _id: 2, Name: "Bina", Dept: "CE", Sem: "Asst. Prof.", email: "b@gmail.com", Ph: 45678 },
{ _id: 3, Name: "Chirag", Dept: "ETE", Sem: "HOD", email: "c@gmail.com", Ph: 98765 },
{ _id: 4, Name: "Dhruv", Dept: "ECE", Sem: "Professor", email: "d@gmail.com", Ph: 12345 }

```

db.Library.insertMany([

```

{ _id: 1, BookName: "BEE", BookNum: 1100, Author: "X42", Dept: "ECE", Copies: 150 },
{ _id: 2, BookName: "CN", BookNum: 1020, Author: "F44", Dept: "CE", Copies: 103 },
{ _id: 3, BookName: "NT", BookNum: 1120, Author: "JIK", Dept: "Math", Copies: 153 },
{ _id: 4, BookName: "DC", BookNum: 2106, Author: "ABC", Dept: "TCE", Copies: 53 }

```



```

db. Admissions.insertMany ([ {
  _id: 1, Name: "Indira", Dept: "CSE", Type: "CET", 10th: 95.34, PU: 92 } ,
  { _id: 2, Name: "Jayshree", Dept: "ECE", Type: "Conduct", 10th: 93.11, PU: 95 } ,
  { _id: 3, Name: "Kamini", Dept: "ECE", Type: "Mgmt", 10th: 80.7, PU: 77 } ,
  { _id: 4, Name: "Heela", Dept: "CSE", Type: "CET", 10th: 95.3, PU: 96.8 } ] )

```

```

db. COE.insertMany ([ {
  _id: 1, Name: "di", Dept: "CE", email: "ei@gmail.com", ph: 98989898, Add: "ABC" },
  { _id: 2, Name: "Jude", Dept: "SE", email: "f@gmail.com", ph: 979797, Add: "VU" },
  { _id: 3, Name: "Gini", Dept: "FT", email: "g@gmail.com", ph: 969696, Add: "JP" },
  { _id: 4, Name: "Kika", Dept: "RE", email: "h@gmail.com", ph: 959595, Add: "BTM" } ] )

```

```

db. CollegeFestival.insertMany ([ {
  _id: 1, Event: "Dance", Type: "Western", T2: "Cultural", Coord: "Mia", Dept: "BT", Date: "11/3/20",
  _id: 2, Event: "Quiz", Type: "Tech", Coord: "Nia", Dept: "CSE", Date: "11/3/20",
  _id: 3, Event: "Online Tr", Type: "NonTech", Coord: "Om", Dept: "CE", Date: "12/3/20",
  _id: 4, Event: "Music", Type: "Cultural", Coord: "Pai", Dept: "CHE", Date: "13/3/20" } ] )

```

Update / Delete / Select:

```
db.Student.find();
```

```
db.Student.update ( { _id: 2 }, { $set: { Dept: "ETE", USN: "BMITET2018" } }
```

```
db.Faculty.deleteOne ( { _id: 1 }, true );
```

```
db.COE.update ( { "Dept": "Fast" }, { $set: { Dept: "FastTrack" } } );
```

```
db.Library.remove ( { BookNum: 11003 }, true );
```

```
db.Library.find ( { Author: "ABC" } );
```

```
db.Admissions.findOne ( { _id: 2 } );
```

```
db.CollegeFestival.deleteMany ( { Date: "12/03/2020" }, true );
```

```
db.CollegeFestival.find ( { Department: "CHE" } );
```

```
db.CollegeFestival.find();
```