

Q. Create the following collections and insert atleast 4 documents into each collection.

- i) Student ii) Faculty iii) COE iv) Library v) Admission
vi) College Festival

Creating database:

> use myDB

Listing all databases:

> show dbs;

i) Creating collection "Student" :-

> db.createCollection("Student");

Inserting data into Student :-

> db.Student.insert({_id:1, Name:"ABC", Department:"CSE",
Sem:"VII", USN:"IBM15CS136", Year:"IV", Batch:"2020-21"});

ii) Faculty

> db.createCollection("Faculty");

> db.Faculty.insert({_id:1, Name:"xyz", Department:"CSE",
FacultyID:"001", Subject:"BDA", Designation:"Professor"});

iii) COE

> db.createCollection("COE");

> db.COE.insert({_id:1, StudName:"ABC", Subject:"BDA", CIE:"40",
SEE:"80", Grade:"A", Result:"Pass"});

iv) Library

```
> db.createCollection("Library");
```

```
> db.Library.insert({-id: 1, Name: "PQR", BookName: "XYZ",  
BookID: "1234", IssueDate: "22/9/2020", ReturnDate: "7/10/2020"});
```

v) Admission

```
> db.createCollection("Admission");
```

```
> db.Admission.insert({-id: 1, AdmissionNo: 1, StudName: "XYZ",  
Date of Admission: "22/9/2020", Department: "CSE", Fees Paid: 50,000});
```

vi) College Festival

```
> db.createCollection("College Festival");
```

```
> db.College Festival.insert({-id: 1, EventName: "ABC", Duration: 2hrs,  
Start Time: "10am", Date: "30/9/2020", Budget: 2000});
```