

IBM17C5041.

Kedar Shenay.

// create the database

> use college-database

> db.createCollection ("Students").

> db.Students.insert ({

name : "Kedar Shenay",

roll : 45,

USN : "IBM17C5041",

ine : "Info Security",

gender : "Male",

age : 20.

})

> db.student.find().pretty()

{

"_id" : "4eba9329- - - - -",

"name" : "Kedar Shenay",

"roll" : 45

"usn" : "IBM17C5041",

"ine" : "Info Security",

"gender" : "Male",

"age" : 20,

}

Faculty

> db.createCollection ("Faculty").

```
> db.Faculty.insert ({  
  "name" : "Pallavi",  
  gender : "Male",  
  post : "Associate Professor",  
  department : "CSE",  
  specialization : "ML",  
  highest-qualification : "M.Tech"  
})
```

```
> db.Faculty.find().pretty ()  
{  
  "name" : "Pallavi",  
  "gender" : "Male",  
  "post" : "Associate Professor",  
  "department" : "CSE",  
  "specialization" : "ML",  
  "highest-qualification" : "M.Tech"  
}
```

COE

➤ db.createCollection ("COE")

> db.coe.insert ({

library

> db.createCollection ("library")

> db.library.insert ({

~~"book_title": "Engineering Drawing",~~
~~"semester": "1 and 2",~~
~~"author": "Rajeev Khandel",~~
~~"published_date": "04/10/2009",~~
~~"department": "Mechanical"~~
})

> db.library.find().pretty()

```
{
  "book_title" : "Engineering Drawing",
  "semester" : "1 and 2",
  "author" : "Rajeev Khandel",
  "published_date" : "04/10/2009",
  "department" : "Mechanical"
}
```

Admissions

```
> db.createCollection ("Admissions")
```

```
> db.Admissions.insert({  
  student_name : "Rahul P",  
  quota : "CET general",  
  fees : "63,000",  
  rank : "505",  
  DOB : "06/11/1999",  
  father_name : "Purohit"  
})
```

```
> db.Admissions.find().pretty()  
{  
  "student_name" : "Rahul P",  
  "quota" : "CET general",  
  "fees" : "63,000",  
  "rank" : "505",  
  "DOB" : "06/11/1999",  
  "father_name" : "Purohit"  
}
```

COE

> db.createCollection("coe")

> db.coe.insert({

student_name : "Karthick",

student_sem : 5,

student_cgpa : 8.7,

student_backlogs : 0,

student_sgpa : [9, 8, 8.5, 8.6, 8.2]

student_age : 19

})

> db.coe.find().pretty()

{

"student_name" : "Karthick",

"student_sem" : 5,

"student_cgpa" : 8.7,

"student_backlogs" : 0,

"student_sgpa" : [9, 8, 8.5, 8.6, 8.2],

"student_age" : 19.

}

College festival

> db.createCollection ("CollegeFests")

```
> db.CollegeFests.insert ( {  
  name : "Ethnic day",  
  period : "Even semester",  
  duration : "one day",  
  desc : "People dress up in ethnic dress day",  
  no_classes : true,  
  location : "Whole college"  
}).
```

> db.~~find~~(CollegeFests).find().pretty().

```
{  
  "name" : "Ethnic day",  
  "period" : "Even semester",  
  "duration" : "one day",  
  "desc" : "People dress up in ethnic dress",  
  "no_classes" : true,  
  "location" : "Whole college"  
}.
```