

Date 24/9/2020

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18M117CS154

Subject: BOA lab.

~~db createCollection~~

Ch

College Database

Collections

- 1) Student
- 2) Faculty
- 3) COE
- 4) Library
- 5) Admission
- 6) Festival

1) Use college

creations of colleges:-

```
db.createCollection("student")
db.createCollection("faculty")
db.createCollection("COE")
db.createCollection("Library")
db.createCollection("Admission")
db.createCollection("Festival")
```

Insertion in student

db: student insert ( { id: 1, Name: "Ajit", USN:

"1BM17CS154", Age: 22, Branch: "CSE",  
Mobile : 7996026361, Email : "ajitjain.cs17@bmsce.ac.in" } )

db: student insert ( { id: 2, Name: "Ravi", USN:

"1BM17CS150", Age: 22, Branch: "CSE",  
Mobile : 7777777777, Email : "ravikumar.cs17@bmsce.ac.in" } )

db: student insert ( { id: 3, Name: "Yash", USN:

"1BM17CS757", Age: 21, Branch: "CSE",  
Mobile : 7777778888, E-mail : "yash.cs17@bmsce.ac.in" } )

db: student insert ( { id: 4, Name: "Rahul", USN:

"1BM17CS889", Age: 22, Branch: "CSE",  
Mobile : 7777779999, Email : "rahul.cs17@bmsce.ac.in" } )

Insertion in faculty

```
db.faculty.insert({id:1, Name:"Abc", Age:35,  
Branch:"CSE", Mobile:7777779999,  
Email:"abc.cse@bmsce.ac.in"})
```

```
db.faculty.insert({id:2, Name:"def", Age:33,  
Branch:"ECE", Mobile:7777770000,  
Email:"def.ece@bmsce.ac.in"})
```

```
db.faculty.insert({id:3, Name:"ghi", Age:33,  
Branch:"ISE", Mobile:7777770011,  
Email:"ghi.ise@bmsce.ac.in"})
```

COE

```
db.COE.insert({id:1, Name:"name1", Age:35,  
Department:"CSE", Mobile:8887779999,  
E-mail:"name1@bmsce.ac.in"})
```

```
db.COE.insert({id:2, Name:"name2", Age:40,  
Department:"ISE", Mobile:8897567891,  
E-mail:"name2@bmsce.ac.in"})
```

Library

```
db.library.insert({id:1, BookName:"Book1",  
Price:350, Subject:"CSE", Author:"Author1"}
```



Year: 1991})

db. library insert ( { id: 2, Book Name: "book2",  
Price : 250, Subject: "IST", Author:  
"Author2", Year : 1811 } )

### Admission

db. Admission insert ( { A.id: 1, FName: "fname1",  
Lname: "lname1", Type: "CET",  
TenthPercent: 90, TwelfthPercent: 95,  
Place: "placuppr" } )

db. Admission insert ( { A.id: 2, FName: "fname2",  
Lname: "lname2", Type: "CUMED-K",  
TenthPercent: 94, TwelfthPercent: 96,  
Place: "placeabc" } )

### Festival

db. Festival insert ( { id: 1, Ename: "Infinite hunt",  
Etype: "fun", dept: "Math", coordinator: "snaha",  
phono: "6487698764" } )

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db.festival.insert({id:2, Ename:"Battle of Brains",  
Etype:"Fun", dept:"Math", coordinator:"arun",  
phoneno:"7684698764"})

Selection Queries:

db.student.find({Name:"Ajit"})  
db.library.find()  
db.library.find({Subject:"C++"})