

24/9/20

BDA - LAB-1

DATE:

PAGE:

Syed Abdul Samad
IBM17CS109

College Database Collections:-

- * Student
- * Faculty
- * COE
- * Library
- * Admission
- * College Festival

Creations of 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 :-

```
1. db.student.insert({ _id: 1, Name: "Syed", USN: "IBM17CS109",  
email: "abdulsamad.cs17@bmvre.ac.in", Sem: 7, grade: "Cpa: 73",  
output: writeResult({ "Inserted": 1 })
```


2. db.student.insert ([_id: 2, SName: "Abdul", USN: "BM17CS100", email: "Syed@gmail.com", ren: 7]);
3. db.student.insert ([_id: 3, SName: "Samed", USN: "BM17CS111", email: "haid@gmail.com", ren: 7, gpa: 10]);
4. db.student.insert ([_id: 4, SName: "Sulraj", USN: "BM17CS107", email: "Sulraj@gmail.com", ren: 7, gpa: 8]);

Selection Queries :

1. db.student.find ([StudName: "Syed"]);

output:

[_id: 1, "SName": "Syed", "USN": "BM17CS109", "email": "abduhsamed.cs17@bnu.ac.in", "ren": 7, "gpa": 8]

2. db.Faculty.find ([Fname: "Latha"]);
3. db.COE.find ([Name: "Screen"]);
4. db.Library.find ([book: "MAT"]);
5. db.Admission.find ([CET: "good"]);
6. db.Festival.find ([Coordinator: "Ravi"]);