

Salina M S Mammy  
18M183417  
BDA LAB

01

24/9/2020

Salina

- Q 1] College Database  
collections:
- 1) Student
  - 2) Faculty
  - 3) CSE
  - 4) Library
  - 5) Admission

i) use college

```
db.createCollection("Student"),  
{ "ok": 1 }  
db.createCollection("Faculty"),  
{ "ok": 1 }  
db.createCollection("CSE"),  
{ "ok": 1 }  
db.createCollection("Library"),  
{ "ok": 1 }  
db.createCollection("Admission"),  
{ "ok": 1 }  
db.createCollection("Festival"),  
{ "ok": 1 }
```

ii) Insertion in Student:

```
i) db.student.insert({id:1, StudName:"Salina",  
USN:"18M183417", email:"salinamsce19@bmsce.ac.in",  
sem:7, CGPA:8.5});
```

```
ii) db.student.insert({id:2, StudName:"Shubha",  
USN:"18M183419", email:"shubha617@gmail.com",  
sem:7, CGPA:8.5});
```

## Festival:

1) db.festival.insert ({ id: 1, fname: "Reverse coding",  
 type: "Academic", dept: "CSE", coordinator: "Salina"  
 });

db.festival.insert ({ id: 2, fname: "Python Tutorial",  
 type: "Workshop", dept: "CSE", coordinator: "Shubhi"  
 });

## Selection queries

1) db.student.find ({ studName: "Salina" });

2) db.faculty.find ({ fname: "Pallavi" });

3) db.COE.find ({ name: "GRP" });

4) db.library.find ({ name: " " });

5) db.admission.find ({ });

6) db.festival.find ({ });

Faculty:

- 1) db Faculty.insert({\_id: 1, FName: "pallavi", Dept: "ce", email: "pallavi98@gmail.com", sub: "BBA"});
- 2) db Faculty.insert({\_id: 2, FName: "latha", Dept: "ce", email: "lathav@gmail.com", sub: "BBA"});

COE:

- 1) db COE.insert({\_id: 1, name: "gep", Dept: "CS", email: "gmatad@gmail.com", ph.no: "9762050013"});
- 2) db COE.insert({\_id: 2, Name: "Vani", Dept: "CS", email: "vanig@gmail.com", ph.no: "6360106930"});

Library:

- 1) db Library.insert({\_id: 1, BookName: "ADA", Sno: "191", Author: "James Clerk", copies: 5});
- 2) db Library.insert({\_id: 1, BookName: "C-Program", Sno: "122", Author: "James Watson", copies: 7});

Admission:

- 1) db Admission.insert({\_id: 1, FName: "Salira", type: "ECET", from: "AP", Percentage: "97"});
- db Admission.insert({\_id: 2, FName: "Shubha", type: "ECET", from: "UP", Percentage: "98"});