

BDA-LAB

Program 1

① Creating a DB in MongoDB

→ use mydb
use collegedatabase

② Creating a Collection

→ db.createCollection("Student")
→ db.createCollection("Faculty")
→ db.createCollection("COE")
→ db.createCollection("Library")
→ db.createCollection("admission")
→ db.createCollection("college Festival")

③ Inserting a value to database

db.Student.insert({ "USN": 1, "Student^{Name}~~id~~":
"madhuri", "dept": "CSE", "address":
"B'lore" })

db.~~stu~~Faculty.insert({ "faculty_id": 100,
"Faculty Name": "Pallavi GB",
"address": "B'lore", "dept": "CSE" })


```
db.coe.insert({ "coe-id": 201, "coe-name":  
  "Akash", "conduct": "exam" })
```

```
db.library.insert({ "lib-no": 111, "book-id":  
  12, "book-name": "ADA", "Student-id": 410 })
```

```
db.admission.insert({ "admission-date":  
  "15/7/2018", "USN": 101, "name": "madhuri",  
  "address": "B'lore" })
```

```
db.collegefestival.insert({ "festdate": "15/9/2020",  
  "fest-event": "Utsav", "guest": "Raj" })
```

④ Viewing the database

```
→ db.student.find()
```

```
→ db.student.find().pretty()
```

```
→ db.faculty.find().pretty()
```

```
→ db.coe.find().pretty()
```

```
→ db.library.find().pretty()
```

```
→ db.admission.find().pretty()
```

```
→ db.collegefestival.find().pretty()
```

⑤ Dropping a collection

```
db.student.drop()
```

Nagamma