Name: Ramyashree BV
USN : 1BM18CS416
Date : 24/09/2020

BDA LAB-01

1. Create college Database

   → use College

2. Collections

   (a) Student : db.createCollection("Student");
   (b) Faculty : db.createCollection("Faculty");
   (c) COE : db.createCollection("COE");
   (d) Library : db.createCollection("Library");
   (e) Admission : db.createCollection("Admission");
   (f) College Festival : db.createCollection("college-Festival");

3. Insertion

(a) Student

```
db.Student.insert ({"USN":1, Name : "Ramya",
Sem: 7, Mobile-number : 9538536898,
Department : "CSE"});
```

(b) Faculty

```
db.Faculty.insert ({id:1, Name : "Latha"
Department : "CSE", Course-handling : "BDA"});
```

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COE

(c) db.COE.insert ({id:1, Examination_year: "2020-2021", Sem: 7, Exam_time: "09:30-12:30", Department: "CSE", Invigilator: "Antara"});

(d) Library

db.Library.insert ({id:1, Name: "BMSCE", Book_no: 9866, Book_Name: "Operating System", Author_Name: "Rajashekar", Price: 556});

(e) Admission

db.Admission.insert ({id:1, Admission_date: "05-07-2020", Amount: "60k", Year: 3, Name: "Ramya", Mode: "Cheque"});

(f) College_Festival

db.college_Festival.insert ({id:1, Eventname: "utsav", Date: "25-08-2019", Guest: "Shubham", Event: "Treasure_Hunt", Time: "2.00PM"});

db.Student.find().pretty()
db.Faculty.find().pretty()
db.COE.find().pretty()
db.Library.find().pretty()
db.Admission.find().pretty()
db.college_Festival.find().pretty()