

Name:- Jamuna.S

USN:- IBM18CS408

Date:- 24/09/2020

## 1. Create College Database

→ Use College

## 2. Collections

## 1. Student

db.CreateCollection ("Student");

## 2. Faculty

db.CreateCollection ("Faculty");

## 3. COE

db.CreateCollection ("COE");

## 4. Library

db.CreateCollection ("Library");

## 5. Admission

db.CreateCollection ("Admission");

## 6. College Festival

db.CreateCollection ("College Festival");

## 3. Insertion

## (i) Student

db.Student.insert ({id: "01", name: "Jamuna", class: "7", sec: "B", cgpa: "8.4",  
USN: "IBM18CS408"});db.Student.insert ({id: "02", name: "Divya",  
class: "7", sec: "B", cgpa: "8.4",  
USN: "IBM18CS409"});



## (ii) Faculty

db.Faculty.insert ( { F\_id: "11", name: "Roopini", ~~class~~ Mobile-no: "12016543", Mail-id: "roopini@gmail.com", Cabin-no: "01", salary: "23600" } )

db.Faculty.insert ( { F\_id: "12", name: "Parinitha", Mobile-no: "6012512", Mail-id: "parinitha@gmail.com", Cabin-no: "02", salary: "23600" } )

## (iii) COE

db.COE.insert ( { id: "21", ~~name~~ type: "ABC", college: "BMSCE", Specification: "ABC", date: "01-01-2020", Subject: "English" } )

db.COE.insert ( { id: "22", type: "BCA", college: "BMSIT", Specification: "DEF", date: "02-02-2020", Subject: "English" } )

## (iv) Library

db.Library.insert ( { id: "31", ~~type~~ Library-name: "XYZ", Book-name: "SJP", College: "SJP", Specification: "JKL", date: "05-02-2020", Address: "Jaganagar", Author-name: "Asha", Book-id: "123" } )

db.Library.insert ( { id: "32", Library-name: "ABC", Book-name: "Fairy-tales", Author-name: "RS Agrawal", Book-id: "123" } )

## (v) Admission

db.Admission.insert ( { id: "41", Admission-date: "24-09-2020", Fees: "2000", year: "2<sup>nd</sup> year", name: "Divya", mode: "ABC" } )

db.Admission.insert ( { id: "42", Admission-date: "25-09-2020", Fees: "1900",



year : "3<sup>rd</sup> year", name : "Priyanka",  
mode : "ABC" }

### (vi) College Festival

db.CollegeFestival ( { id : "51", Event : "Utsav"  
Event-date : "24-09-2020", guest : "Lavanya"  
time : "2:30pm", Place : "Bangalore" }

db.CollegeFestival ( { id : "52", Event : "Utsav"  
Event-date : "25-09-2020", guest : "Jannara"  
time : "3:30pm", place : "Bangalore" }

### 3) Viewing the db :

- db.Student.find()
- db.Student.find().pretty()
- db.Faculty.find()
- db.CoE.find().pretty()
- db.Library.find()
- db.CollegeFestival.find()

### 5) Dropping a Collection

db.Student.drop()

020"

:"436" }