Name : Sanjana Patel H
USN : 1BM17CS088
Subject : BDA
Lab : 1
Date : 24/09/2020

① Student

Use College

```
db. CreateCollection ("Student");
db. Student ({_id:1, studentName : "Sanjana Patel", USN: "1BM17CS088",
              email: "sanjana@gmail.com", sem : 7,
              phoneNumber : 9876543210, cgpa: 9.1 });

db. Student ({_id: 2, studentName: "abc", USN: "1BM17CS091",
              email : "abc@gmail.com", sem : 7,
              phoneNumber: 9708917421 , cgpa: 9 });


db. student ({_id :3, studentName : "arya", USN: "1BM17CS088",
              email:" arya@gmail.com", cgpa : 9.1 , sem: 7 });

db. student ({_id:4, studentName : "sania", USN: "1BM17CS091",
              email:" sania@gmail.com", cgpa: 9.1; sem: 7 });
```

Output:

```
db. student. find ({studentName : "Sanjana Patel"});
{ _id : 1,
  studentName : "Sanjana Patel",
  USN : "1BM17CS088",
  email : "sanjana@gmail.com",
  sem : 7,
  phoneNumber : 9876543210,
```

Faculty :

```
use College
db.createCollection("Faculty");

db.Faculty.insert({_id:1, FacultyName:"Sanjana Patel", email:"sanjanapatel@gmail},
                   phonenumber:9876543210, department:"CSE", subject:"

db.Faculty.insert({_id:2, FacultyName:"abc", email:"abc@gmail.com",
                   dep department:"ISE", subject:"M2", phoneNumber:"987563

db.Faculty.insert({_id:3, FacultyName:"arya", email:"arya@gmail.com",
                   department:"CSE", dateOfBirth:"1/1/1999"43});

db.Faculty.insert({_id:4, FacultyName:"aarov", email:"aarov@gmail.com",
                   address:"Banglore", dateOfBirth:"2/4/1988",
                   subject:"os"});

db.Faculty.find({});
```

③ Library :

```
use College
db.createCollection("Library");

db.Library.insert({"_id:1, BookName:"os", bookNumber:123, author:"abc",
                   domain:"cs", NoOfCopies:20});

db.Library.insert({"_id:2, BookName:"dbms", bookNumber:124, author:"
                   domain:"CS", NoOfCopies:20});

db.Library.insert({"_id:3, BookName:"Padmapani", bookNumber:125,
                   author:"Ganeshlya", domain:"thriller", NoOfCopies:20});

db.Library.insert({"_id:4, BookName:"Adventure", BookNumber:126,
                   author:"Poorna chandra tejasvi", domain:"thriller", No.of Copies
```

Admission

```
use college
db.createCollection("Admission");
db.Admission.insert({_id:1, Firstname: "sansa", Lastname: "stark", Tenth:10,
        Twelth:92.6, TypeofAdmission: "ECET"});

db.Admission.insert({  _id:  2,
                Firstname: "arya",
                Lastname: "stark",
                Tenth:  10,
                Twelth:  92.6,
                TypeofAdmission: "COMEDK"});

db.Admission.insert({ _id:  3
                firstname: "robin",
                lastname: "roe",
                Tenth:  40,
                Twelth:  92.6
                TypeofAdmission: "ECET".});

db.Admission.insert({ _id:  4
                firstname  "Ross",
                lastname : "Geller",
                Tenth :  10,
                Twelth : 92.6,
                TypeofAdmission: "Management".})



db.Admission.find({})
```

④ COE

use College

```
db. create Collection ("COE");

db. COE .insert ( {_id :1,
                    FirstName : "Sanjana",
                    LastName :  "Patel",
                    email :    "sanjanapatel@gmail.com",
                    phoneNumber : 987654321 ,
                    joinDate :  "2/2/2020". });

db. COE . insert ( {_id : 2,
                    FirstName : "arya",
                    LastName :  "Patel",
                    email : "aryapatel@gmail.com",
                    phoneNumber : 987654321,
                    joinDate : "2/2/2000" })

db. COE . insert ( {_id : 3,
                    FirstName : "keerthi",
                    LastName : "Patel",
                    email : "keerthipatel@gmail.com",
                    phoneNumber : 9870 00000,
                    joinDate : " 1/1/1999" })

db. COE . insert ( {_id : 4,
                    FirstName : "rachana"
                    lastName :  "patel",
                    email : " rachanapatel@gmail.com",
                    phoneNumber : 8854098565,
                    joinDate : " 1/1/2000 "})
```

① Festival

② Use College.
```
db. createCollection ("Festival");
db. Festival. insert ({_id: 1,
                    eventname: "industrial engineering quiz",
                    eventtype: "academic",
                    department: "Mech",
                    sponsor: "LTTS",
                    coordinator: "rahul",
                    phno: "6519812251", });
db. Festival. insert ({_id: 2,
                    eventname: "Treasure hunt
                    eventtype:    "fun"
                    department:   "CSE"
                    sponsor:   "dove"
                    Coordinator: "sanjana"
                    phno:     8884098565
                    });

db. Festival. insert ({_id: 3,
                    eventname: "industrial engineering quiz",
                    eventtype: "academic",
                    department: "Mech",
                    sponsors: "LTTS",
                    coordinator: "surya",
                    phno: 8884098665,
                    });

db. Festival. insert ({_id: 4,
                    event name:    "lemmon-and-spoon",
                    event type: "fun"
                    department: "sports"
                    Sponsors:    "mysore steel company"
                    coordinator: "arya"
                    phno:    7019416952
                    });
```