BDA-LAB .1

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use BMS;

(•) db . create Collection ("Student");

1) db . Student . insert ({_id:1, stud Name: "Anu",
Grade: "VII", Hobbies: "Painting",
USN: "2800" },Sem: "5" });

2) db . Student . insert ({_id:2, studName: "Banu",
Grade: "I", Hobby: "Sketching",
USN: "1002" }, Cgpa: "9.8" });

3) db . Student . insert ({_id: 3, Studentname: "Priya",
Hobby: "Gaming", Grade: "I",
Age: "20", USN: "1003" });

4) db . Student . insert ({_id: 4, Name: "Hari",
Age: "21", Hobby: "Gaming",
Grade: "III", USN: "2004" });

To find a particular student
db . Student . find ({ StudName: "Banu" });

② db.createCollection("faculty");
- db.faculty.insert ({_id:1, Name:"Anupurna",
                      Designation :"Professor",
                      Location: "Bangalore", sem:"3"
                      Salary : "50k"});

- db.faculty.insert ({_id:2, Name: "Ravi",
                      Desig: "Professor",
                      location: "Hyderabad", dept:"CSE"
                      Salary: "60k"});

- db.faculty.insert ({_id:3, Name:"Saroja",
                      Desig: "Associate professor",
                      sem:"4", location: "Chennai"});

- db.faculty.insert ({_id:4, Name: "Sooraj",
                      Designation: "Professor",
                      loc: "Bangalore", subject:"DS",
                      salary: "50k"});

③ COE db.createCollection("Library");
- db.library.insert ({_id:1, Bookname:"Wings of fire",
                      author: "Abdul Kalam",
                      Price: "250"});

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- db.library.insert({_id:"2", Name:"Immortal",
                        Author:. Author1"});
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- db.library.insert({_id:"3", ~~Book: Name:~~ Faculty
                        salary:"350K", Age: "30"});
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- db.library.insert({_id:"4", Book:"Book2",
                        Author2:"Author2",
                        NumberAvailable:"28"});
```

```
④  db.createCollection("COE");
- db.COE.insert({_id:"1", Name:"Anu",
                    Desig:"Professor", Salary:"50K"});
```

```
- db.COE.insert({_id:"2", Name:"Bharat",
                    Designation:"Professor",
                    Hobby:"Gaming"});
```

```
- db.COE.insert({_id:"3", Name:"Chandan",
                    Desig:"Professor",
                    Noofworkinghrs:"8"});
```

```
- db.COE.insert{_id:"4", Name:"Kumar",
                    Dept:"CSE", lastname:"G"
                    Gender:"Male"});
```

```
(5)    db.createCollection("Admission");
  -    db.Admission.insert({{_id:"1", Name: "Anu",
                            type: "cet", 10th% : "95",
                            location: " Bangalore"});


  -    db.Admission.insert({_id:"2", Name:"Bharat",
                            type:"comedk", Age:"20",
                            12th% :"93"});


  -    db.Admission.insert({_id:"3", Name:"Ram",
                            email: "ram@gmail.com",
                            phoneno:"9876543201",
                            Age:"21"});


(4)    db.Admission.insert({_id:"4", Name:"Ramya",
                            type:"cet", Age:"20",
                            10th% : "90"});



(6)    db.createCollection("Festival");
  -    db.Admi Festival.insert({_id:1, Eventname:"Reverse
                            Coding", Etype:"Academic",
                            Eprize:"1000"});


  -    db.Festival.insert({_id:2, Ename:"Treasure Hunt"
                            Dept:"CSE", coordinator:"Ram"
                            email:"ram@gmail.com"});
```

```
- db.insert({_id:"3",
- db.Festival.insert({_id:"3", Ename:"Quiz",
                Eduration: "1hr", Ecoordinator:
               "Rahul", Noparticipation="30",
                Registrationfee: "500" });

- db.Festival.insert({_id:"4", Ename:"Puzzles",
               Noofstudentbinateam:"4",
               Registrationfee: "100",
               Venue: "Auditorium" });
```