BDA - LAB1

Tanusha S
1BM17CS115
C1 Batch
24/09/2020

use BMS;

• db.createCollection("Student");

1) db.Student.insert({_id:1, studName:"Anu",
Grade:"B", Hobby:"Drawing",
USN:"123", Sem:"5"});

2) db.Student.insert({_id:2, studName:"Banu",
Grade="A", Hobby:"Singing",
Cgpa:"9", USN:"231"});

3) db.Student.insert({_id:3, StudentName:"Ram",
Hobby:"Gaming", Grade:"II",
Age:"20", USN:"1003"});

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

To find a particular student

db.Student.find({StudName:"Banu"});

• db.CreateCollection("Faculty");

1) db.Faculty.insert({_id:1, Name:"Anupriya",
Designation:"Professor", Location:"Bangalore",
Sem:"3", salary:"50k"});

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

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3) db.Faculty.insert({_id:3, Name:"Saroja", Desig:"Associate Profesor", Sem:4, location:"Chennai"});

4) db.Faculty.insert({_id:4, Name:"Sooraj", Desig:"Profesor", loc:"Bangalore, Subject:"DS", Salary:"50k"});

- db.createCollection("Library");

1) db.Library.insert({_id:"1", Bookname:"Wingsoffire", Author:"Abdul kalam", Price:"250"});

2) db.Library.insert({_id:"2", Name:"Immortal", Author:"Author1"});

3) db.Library.insert({_id:"4", Book="Book4", Author:"Author2", NumberAvailable:"28"});

4) db.Library.insert({_id:"7", Book="Book6", Author:"Author5", prive:"720"});

- db.createCollection("COE");

1) db.COE.insert({_id:"1", Name:"Anu", Desig:"Professor", salary:"50k"});

2) db.COE.insert({_id:"2", Name:"Bharat", Desig:"Profesor", Hobby:"Gaming"});

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

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

- db.createCollection("Admission");

1) db.Admission.insert({_id:"1", Name:"Anu",
type:"cet", location:"Bangalore"});

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

3) db.Admission.insert({_id:"3", Name:"Ram",
email:"ram@gmail.com", phoneNo:"993322",
Age:"21"});

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

- db.createCollection("Festival");

1) db.Festival.insert({_id:"1", Eventname:"Reverse
Coding", Eventtype:"Academic", Prize:"1000"});

2) db.Festival.insert({_id:"2", Ename:"Treasure
Hunt", Dept:"CSE", Coordinator:"Ram"});

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3) db.Festival.insert({_id:"3", Ename:"Quiz",
Duration:"1hr", Coordinator:"Rahul",
NoOfParticipants:"30", Fee:"500"});

4) db.Festival.insert({_id:"4", Ename:"Puzzles",
Noofstudentsperteame:"4", Fee:"200",
Venue:"Auditorium"});