

Q1 College Database

> Use College;

Creation of collections

> db.createCollection("students");

✶ { "ok": 1 }

> db.createCollection("faculty");

✶ { "ok": 1 }

> db.createCollection("COE");

✶ { "ok": 1 }

> db.createCollection("Admission");

✶ { "ok": 1 }

> db.createCollection("Library");

✶ { "ok": 1 }

> db.createCollection("Festival");

✶ { "ok": 1 }

Inserting into Student

> db.Student.insert({-id: 1, StudName: "DevSuthar", Year: "Third",
Hobbies: "Outdoor Games"});

✶ writeResult({ "nInserted": 1 })

Inserting into Faculty

> db.Faculty.insert({-id: 1, FacuName: "Latna", Subject: "BDA",
Dept: "CS"});

✶ writeResult({ "nInserted": 1 })

Inserting into COE

> db.COE.insert({_id: 1, Name: 'Phasara', Dept: 'Physics'});
• writeResult({"inserted": 1})

Inserting into Library

> db.Library.insert({_id: 1, BookName: 'BDA', Copies: '3',
• writeResult({"inserted": 1}) bookno: '100'});

Inserting into Festival

> db.festival.insert({_id: 1, FName: 'Revelselading', Type: 'academic',
• writeResult({"inserted": 1}) dept: 'CSE'});

Finding queries

> db.COE.find({Name: "Anupama"});

• { "_id": 2, "Name": "Anupama", "Dept": "Physics" }

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

• { "_id": 1, "studName": "DevSushak", "Year": "Third", "Hobbies": "outdoor games" }

> db.Faculty.find({FacuName: "Latno"});

• { "_id": 1, "facuName": "Latno", "Dept": "CSE", "Subject": "BDA" }

> db.festival.find({Type: "fun"});

• { "_id": 4, "FName": "Football", "Type": "fun", "Dept": "Sports" }
• { "_id": 6, "FName": "Cricket", "Type": "fun", "Dept": "Sports" }