MONGODB

```
> use mydb
switched to db mydb
> db.createCollection("Student");
{ "ok" : 1 }
> db.Student.insert({_id:1,StudName:"Manasa",Grade:7,Hobbies:"InternetSurfing"});
WriteResult({ "nInserted" : 1 })
> db.Student.find({StudName:"Manasa"});
{ "_id" : 1, "StudName" : "Manasa", "Grade" : 7, "Hobbies" : "InternetSurfing" }
> db.Student.drop();
true
```

```
> use collegedb
switched to db collegedb
> db.createCollection("Student");
{ "ok" : 1 }
> db.Student.insert({Studname:"Swathi",Year:3,DOB:"2000-05-24",Address:"Bangalore"});
WriteResult({ "nInserted" : 1 })
> db.Student.insert({Studname:"chandana",Year:3,DOB:"2001-02-27",Address:"Bangalore"});
WriteResult({ "nInserted" : 1 })
> db.Student.insert({Studname:"Anupama",Year:3,DOB:"2000-01-18",Address:"Thumkur"});
WriteResult({ "nInserted" : 1 })
```

```
> db.Student.find();
{ "_id" : ObjectId("6078021e34bb84326c0c23c4"), "Studname" : "Swathi", "Year" : 3, "DOB" : "2000-05-24", "Address" : "Bangalore" }
{ "_id" : ObjectId("6078025234bb84326c0c23c5"), "Studname" : "chandana", "Year" : 3, "DOB" : "2001-02-27", "Address" : "Bangalore" }
{ "_id" : ObjectId("6078027d34bb84326c0c23c6"), "Studname" : "Anupama", "Year" : 3, "DOB" : "2000-01-18", "Address" : "Thumkur" }
{ "_id" : ObjectId("607803e634bb84326c0c23c7"), "Studname" : "Triveni", "Year" : 3, "DOB" : "2000-11-19", "Address" : "Ballary" }
```

```
> db.createCollection("Library");
{ "ok" : 1 }
> db.Library.insert({_id:11,BookName:"ComputerNetworks",BookAuthor:"Forozen",Quantity:30,Department:"CSE",Publisher:"ManyaPublications"});
WriteResult({ "nInserted" : 1 })
> db.Library.insert({_id:12,BookName:"UniXShellProgramming",BookAuthor:"Sumitha",Quantity:20,Department:"CSE",Publisher:"SwapnaPublications"});
WriteResult({ "nInserted" : 1 })
> db.Library.insert({_id:13,BookName:"DataBaseManagementSystem",BookAuthor:"Venkatesh",Quantity:50,Department:"CSE",Publisher:"ManyaPublications"});
WriteResult({ "nInserted" : 1 })
> db.Library.insert({_id:14,BookName:"DataStructures",BookAuthor:"Vinutha",Quantity:100,Department:"CSE",Publisher:"KouravPublications"});
WriteResult({ "nInserted" : 1 })
```

```
> db.Library.find();
{ "_id" : 11, "BookName" : "ComputerNetworks", "BookAuthor" : "Forozen", "Quantity" : 30, "Department" : "CSE", "Publisher" : "ManyaPublications" }
{ "_id" : 12, "BookName" : "UniXShellProgramming", "BookAuthor" : "Sumitha", "Quantity" : 20, "Department" : "CSE", "Publisher" : "SwapnaPublications" }
{ "_id" : 13, "BookName" : "DataBaseManagementSystem", "BookAuthor" : "Venkatesh", "Quantity" : 50, "Department" : "CSE", "Publisher" : "ManyaPublications" }
{ "_id" : 14, "BookName" : "DataStructures", "BookAuthor" : "Vinutha", "Quantity" : 100, "Department" : "CSE", "Publisher" : "KouravPublications" }
>
```

```
> db.createCollection("Faculty");
{ "ok" : 1 }
> db.Faculty.insert({_id:1,FacultyName:"Pallavi G B",CourseHandling:"BDA",Designation:"Professor",Address:"Basavanagudi",Mobile:8934152378});
WriteResult({ "nInserted" : 1 })
> db.Faculty.insert({_id:1,FacultyName:"Nadini",CourseHandling:"CNS",Designation:"Professor",Address:"Kanakpura",Mobile:8934157834});
WriteResult({
        "nInserted" : 0,
        "writeError" : {
                "code" : 11000,
                "errmsg" : "E11000 duplicate key error collection: collegedb.Faculty index: _id_ dup key: { _id: 1.0 }"
        }
})
> db.Faculty.insert({_id:2,FacultyName:"Nadini",CourseHandling:"CNS",Designation:"Professor",Address:"Kanakpura",Mobile:8934157834});
WriteResult({ "nInserted" : 1 })
> db.Faculty.insert({_id:3,FacultyName:"SelvaKumar",CourseHandling:"RPA",Designation:"Assistant Professor",Address:"Jaynagar",Mobile:8934762834});
WriteResult({ "nInserted" : 1 })
> db.Faculty.insert({_id:4,FacultyName:"Saritha",CourseHandling:"ML",Designation:"Associative Professor",Address:"BTMLayout",Mobile:8934711504});
WriteResult({ "nInserted" : 1 })
> db.Faculty.find();
{ "_id" : 1, "FacultyName" : "Pallavi G B", "CourseHandling" : "BDA", "Designation" : "Professor", "Address" : "Basavanagudi", "Mobile" : 8934152378
}
{ "_id" : 2, "FacultyName" : "Nadini", "CourseHandling" : "CNS", "Designation" : "Professor", "Address" : "Kanakpura", "Mobile" : 8934157834 }
{ "_id" : 3, "FacultyName" : "SelvaKumar", "CourseHandling" : "RPA", "Designation" : "Assistant Professor", "Address" : "Jaynagar", "Mobile" : 893476
2834 }
{ "_id" : 4, "FacultyName" : "Saritha", "CourseHandling" : "ML", "Designation" : "Associative Professor", "Address" : "BTMLayout", "Mobile" : 8934711
504 }
```

```
> db.createCollection("COE");
{ "ok" : 1 }
> db.COE.insert({_id:1,StaffName:"Ahalya",Designation:"Valuator",Address:"Bangalore",Mobile:9823451645,salary:45000});
WriteResult({ "nInserted" : 1 })
> db.COE.insert({_id:2,StaffName:"Ankush",Designation:"Admin",Address:"Basavanagudi",Mobile:982367234,salary:50000});
WriteResult({ "nInserted" : 1 })
> db.COE.insert({_id:3,StaffName:"Bhuvan",Designation:"Valuator",Address:"BasawesharNagar",Mobile:9823675640,salary:30000});
WriteResult({ "nInserted" : 1 })
> db.COE.insert({_id:4,StaffName:"Chandrappa",Designation:"Valuator",Address:"Banasvadi",Mobile:9867235640,salary:40000});
WriteResult({ "nInserted" : 1 })
> db.COE.find();
{ "_id" : 1, "StaffName" : "Ahalya", "Designation" : "Valuator", "Address" : "Bangalore", "Mobile" : 9823451645, "salary" : 45000 }
{ "_id" : 2, "StaffName" : "Ankush", "Designation" : "Admin", "Address" : "Basavanagudi", "Mobile" : 982367234, "salary" : 50000 }
{ "_id" : 3, "StaffName" : "Bhuvan", "Designation" : "Valuator", "Address" : "BasawesharNagar", "Mobile" : 9823675640, "salary" : 30000 }
{ "_id" : 4, "StaffName" : "Chandrappa", "Designation" : "Valuator", "Address" : "Banasvadi", "Mobile" : 9867235640, "salary" : 40000 }
>
```

```
> db.Admission.insert({Type:"CET",Cost:75000});
WriteResult({ "nInserted" : 1 })
> db.Admission.insert({Type:"Management",Cost:200000});
WriteResult({ "nInserted" : 1 })
> db.Admission.insert({Type:"CET",Cost:65000});
WriteResult({ "nInserted" : 1 })
> db.Admission.insert({Type:"Management",Cost:250000});
WriteResult({ "nInserted" : 1 })
> db.Admission.find();
{ "_id" : ObjectId("6078125534bb84326c0c23cc"), "Type" : "CET", "Cost" : 75000 }
{ "_id" : ObjectId("6078126834bb84326c0c23cd"), "Type" : "Management", "Cost" : 200000 }
{ "_id" : ObjectId("6078127b34bb84326c0c23ce"), "Type" : "CET", "Cost" : 65000 }
{ "_id" : ObjectId("6078129c34bb84326c0c23cf"), "Type" : "Management", "Cost" : 250000 }
>
```

```
> db.createCollection("CollegeFestival");
{ "ok" : 1 }
> db.CollegeFestival.insert({_eventid:11,EventName:"Dancing",Organaizer:"FairandLovely",Date:"2021:04:21",StartTime:"12:00:00",EndTime:"1:30:00"});
WriteResult({ "nInserted" : 1 })
> db.CollegeFestival.insert({_eventid:12,EventName:"Singing",Organaizer:"",Date:"2021:04:21",StartTime:"2:00:00",EndTime:"3:30:00"});
WriteResult({ "nInserted" : 1 })
> db.CollegeFestival.insert({_eventid:13,EventName:"MonoAct",Organaizer:"",Date:"2021:04:22",StartTime:"12:00:00",EndTime:"1:30:00"});
WriteResult({ "nInserted" : 1 })
> db.CollegeFestival.insert({_eventid:14,EventName:"EssayWritting",Organaizer:"",Date:"2021:04:22",StartTime:"2:00:00",EndTime:"3:30:00"});
WriteResult({ "nInserted" : 1 })
> db.CollegeFestival.find();
{ "_id" : ObjectId("60780f3034bb84326c0c23c8"), "_eventid" : 11, "EventName" : "Dancing", "Organaizer" : "FairandLovely", "Date" : "2021:04:21", "StartTime" : "12:00:00", "EndTime" : "1:30:00" }
{ "_id" : ObjectId("60780fcd34bb84326c0c23c9"), "_eventid" : 12, "EventName" : "Singing", "Organaizer" : "", "Date" : "2021:04:21", "StartTime" : "2:00:00", "EndTime" : "3:30:00" }
{ "_id" : ObjectId("60780ff334bb84326c0c23ca"), "_eventid" : 13, "EventName" : "MonoAct", "Organaizer" : "", "Date" : "2021:04:22", "StartTime" : "12:00:00", "EndTime" : "1:30:00" }
{ "_id" : ObjectId("6078101a34bb84326c0c23cb"), "_eventid" : 14, "EventName" : "EssayWritting", "Organaizer" : "", "Date" : "2021:04:22", "StartTime" : "2:00:00", "EndTime" : "3:30:00" }
>
```