

Create Collections:

Init your database with	The database state
<pre>// Use this textarea to init or reset your database // Example : // db.test.insert({foo: "bar"}); // db.test.ensureIndex({foo: 1 }); // Instructions should be separated by ; // // To reset or init your database state, use the reset button above // Type here your mongodb commands use collegeDB; Using collegeDB; - Only one database allowed per session db.createCollection("Student"); "collection Student created" db.createCollection("Faculty"); "collection Faculty created" db.createCollection("COE"); "collection COE created" db.createCollection("Library"); "collection Library created"</pre>	<pre>Student { "_id":1,"name":"Sumanth","age":21,"status":"p"} { "_id":2,"name":"ASH","age":18,"status":"f"} { "_id":3,"name":"Kaguya","age":18,"status":"p"} { "_id":4,"name":"ishiant","age":21,"status":"f"} { "_id":5,"name":"chika","age":18,"status":"p"} Faculty { "_id":1,"name":"Scammer1","age":50,"course":"cse"} { "_id":2,"name":"Scammer2","age":60,"course":"ise"} { "_id":3,"name":"Scammer3","age":20,"course":"mech"} { "_id":4,"name":"UltimateScammer","age":50,"course":"aerospace"} CollegeFestival { "_id":2018,"name":"culture","guest":"RandomGuy","satisfactionRate":20} { "_id":2019,"name":"culture?","guest":"RandomGuy2","satisfactionRate":0} { "_id":2020,"name":"CANCELLED","guest":"NO ONE","satisfactionRate":0} Library { "_id":"60780a57a67b4e00201dbb51","_bid":1,"bname":"Physics","publisher":"waste","price":100}</pre>

Insert into collections:

<pre>db.Student.insert({_id:1,name:"Sumanth", age:21, status:"p"}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951316276933296129","t":2},"ops":[{"_id":1,"name":"Sumanth","age":21,"status":"p"}],"insertedCount":1,"insertedIds":{"0":1}} db.Student.insert({_id:2,name:"ASH", age:18, status:"f"}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951316371422576641","t":2},"ops":[{"_id":2,"name":"ASH","age":18,"status":"f"}],"insertedCount":1,"insertedIds":{"0":2}} db.Student.insert({_id:3,name:"Kaguya", age:18, status:"p"}); {"result":{"ok":1,"n":1,"opTime":{"ts":"695131644437020673","t":2},"ops":[{"_id":3,"name":"Kaguya","age":18,"status":"p"}],"insertedCount":1,"insertedIds":{"0":3}} db.Student.insert({_id:4,name:"ishiant", age:21, status:"f"}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951316560401137665","t":2},"ops":[{"_id":4,"name":"ishiant","age":21,"status":"f"}],"insertedCount":1,"insertedIds":{"0":4}} db.Student.insert({_id:5,name:"chika", age:18, status:"p"}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951316654890418177","t":2},"ops":[{"_id":5,"name":"chika","age":18,"status":"p"}],"insertedCount":1,"insertedIds":{"0":5}} db.Faculty.insert({_id:1, name:"Scammer1", age:50, course:"cse"}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951316921178390529","t":2},"ops":[{"_id":1,"name":"Scammer1","age":50,"course":"cse"}],"insertedCount":1,"insertedIds":{"0":1}} db.Faculty.insert({_id:2, name:"Scammer2", age:60, course:"ise"}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951316981307932673","t":2},"ops":[{"_id":2,"name":"Scammer2","age":60,"course":"ise"}],"insertedCount":1,"insertedIds":{"0":2}} db.Faculty.insert({_id:3, name:"Scammer3", age:20, course:"mech"}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951317045732442113","t":2},"ops":[{"_id":3,"name":"Scammer3","age":20,"course":"mech"}],"insertedCount":1,"insertedIds":{"0":3}} db.Faculty.insert({_id:4, name:"UltimateScammer", age:50, course:"aerospace"}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951317127336820737","t":2},"ops":[{"_id":4,"name":"UltimateScammer","age":50,"course":"aerospace"}],"insertedCount":1,"insertedIds":{"0":4}} db.Library.insert({_bid:1, bname:"Physics", publisher:"waste", price:100}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951317393624793089","t":2},"ops":[{"_bid":1,"bname":"Physics","publisher":"waste","price":100,"_id":"60780a57a67b4e00201dbb51"}],"insertedCount":1,"insertedIds":{"0":1}} db.Library.insert({_id:2, bname:"Physics", publisher:"waste", price:100}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951317500998975489","t":2},"ops":[{"_id":2,"bname":"Physics","publisher":"waste","price":100},"{"_id":"60780a57a67b4e00201dbb51","bname":"Physics","publisher":"waste","price":100}],"insertedCount":1,"insertedIds":{"0":2}} db.Library.insert({_id:3, bname:"Chem", publisher:"waster", price:200}); {"result":{"ok":1,"n":1,"opTime":{"ts":"695131762553027073","t":2},"ops":[{"_id":3,"bname":"Chem","publisher":"waster","price":200},"{"_id":"60780a57a67b4e00201dbb51","bname":"Chem","publisher":"waster","price":200}],"insertedCount":1,"insertedIds":{"0":3}} db.Library.insert({_id:4, bname:"Mechanics", publisher:"wastest", price:1000}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951317737336820737","t":2},"ops":[{"_id":4,"bname":"Mechanics","publisher":"wastest","price":1000},"{"_id":"60780a57a67b4e00201dbb51","bname":"Mechanics","publisher":"wastest","price":1000}],"insertedCount":1,"insertedIds":{"0":4}} db.Admission.insert({_id:1, name:"dalai lmao", mode:"cet", branch:"cse"}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951317977740345345","t":2},"ops":[{"_id":1,"name":"dalai lmao","mode":"cet","branch":"cse"}],"insertedCount":1,"insertedIds":{"0":1}} db.Admission.insert({_id:2, name:"ranchoddas chachad", mode:"donation", branch:"aerospace"}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951318076524593153","t":2},"ops":[{"_id":2,"name":"ranchoddas chachad","mode":"donation","branch":"aerospace"}],"insertedCount":1,"insertedIds":{"0":2}} db.Admission.insert({_id:1, name:"dalai lmao", mode:"cet", branch:"cse"}); BulkWriteError: E11000 duplicate key error collection: sb18vf.Admission index: _id_dup key: { : 1 } db.Admission.insert({_id:3, name:"retake ramesh", mode:"comedy", branch:"mechlol"}); {"result":{"ok":1,"n":1,"opTime":{"ts":"6951318205373612033","t":2},"ops":[{"_id":3,"name":"retake ramesh","mode":"comedy","branch":"mechlol"}],"insertedCount":1,"insertedIds":{"0":3}} </pre>	
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db.CollegeFestival.insert({_id:2018, name:"culture", guest:"RandomGuy", "satisfactionRate":20});
SyntaxError: Unexpected token '}'
db.CollegeFestival.insert({_id:2018, name:"culture", guest:"RandomGuy", satisfactionRate:20});
{"result":{"ok":1,"n":1,"opTime":{"ts":"6951318987057659905","t":2},"ops":[{"_id":2018,"name":"culture","guest":"RandomGuy","satisfactionRate":20},"insertedCount":1}

db.CollegeFestival.insert({_id:2019, name:"culture?", guest:"RandomGuy2", satisfactionRate:0});
{"result":{"ok":1,"n":1,"opTime":{"ts":"6951319755856805889","t":2},"ops":[{"_id":2019,"name":"culture?","guest":"RandomGuy2","satisfactionRate":0},"insertedCount":1}

db.CollegeFestival.insert({_id:2020, name:"CANCELLED", guest:"NO ONE", satisfactionRate:0});
{"result":{"ok":1,"n":1,"opTime":{"ts":"6951320593375428609","t":2},"ops":[{"_id":2020,"name":"CANCELLED","guest":"NO ONE","satisfactionRate":0},"insertedCount":1,"

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db.coe.insert({_id:1, Sem:"ODD", head:"MrX", papers:20, examMonth:"March", resultMonth:"April"});
{"result":{"ok":1,"n":1,"opTime":{"ts":"6951320404396867586","t":2},"ops":[{"_id":1,"Sem":"ODD","head":"MrX","papers":20,"examMonth":"March","resultMonth":"April"}]}

db.coe.insert({_id:2, Sem:"EVEN", head:"MrY", papers:30, examMonth:"November", resultMonth:"December"});
{"result":{"ok":1,"n":1,"opTime":{"ts":"6951320593375428609","t":2},"ops":[{"_id":2,"Sem":"EVEN","head":"MrY","papers":30,"examMonth":"November","resultMonth":"December"}]}

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Final DATABASE:

The database state
Student <pre> {"_id":1,"name":"Sumanth","age":21,"status":"p"} {"_id":2,"name":"ASH","age":18,"status":"f"} {"_id":3,"name":"Kaguya","age":18,"status":"p"} {"_id":4,"name":"ishiant","age":21,"status":"f"} {"_id":5,"name":"chika","age":18,"status":"p"} </pre>
Faculty <pre> {"_id":1,"name":"Scammer1","age":50,"course":"cSe"} {"_id":2,"name":"Scammer2","age":60,"course":"iSe"} {"_id":3,"name":"Scammer3","age":20,"course":"mech"} {"_id":4,"name":"UltimateScammer","age":50,"course":"aerospace"} </pre>
CollegeFestival <pre> {"_id":2018,"name":"culture","guest":"RandomGuy","satisfactionRate":20} {"_id":2019,"name":"culture?","guest":"RandomGuy2","satisfactionRate":0} {"_id":2020,"name":"CANCELLED","guest":"NO ONE","satisfactionRate":0} </pre>
Admission <pre> {"_id":1,"name":"dalai lmao","mode":"cet","branch":"cse"} {"_id":2,"name":"ranchoddas chachad","mode":"donation","branch":"aerospace"} {"_id":3,"name":"retake ramesh","mode":"comedy","branch":"mechlol"} </pre>
coe <pre> {"_id":1,"Sem":"ODD","head":"MrX","papers":20,"examMonth":"March","resultMonth":"April"} {"_id":2,"Sem":"EVEN","head":"MrY","papers":30,"examMonth":"November","resultMonth":"December"} </pre>
Library <pre> {"_id":"60780a57a67b4e00201dbb51","_bid":1,"bname":"Physics","publisher":"waste","price":100} {"_id":2,"bname":"Physics","publisher":"waste","price":100} {"_id":3,"bname":"Chem","publisher":"waster","price":200} {"_id":4,"bname":"Mechanics","publisher":"wastest","price":1000} </pre>