

5th Oct 2020

Q Create Company database with following collections.

→ Employee

→ Department

use Company;

db.createCollection("employee");

db.createCollection("department");

db.employee.insert({_id: 1, "Name": "Abhishek",
"department": 1000, "age": 20, "phone no": 9521877449});

db.employee.insertOne({_id: 2, Name: "Vishar",
"department": 1001, "age": 19, "phone no": 9472394251});

db.employee.insertMany([{_id: 3, Name: "Mayank",
"department": 1002, age: 21, "phoneno": 8800 2342129}]

{_id: 4, Name: "Shyam", "department": 1003, "age": 21,
"phoneno": 8296099920});

~~db~~ {_id: 5, Name: "Rahul", department: 1004,
age: 20, "phoneno": 8195504284});

db.department.insert({_id: 1, departmentname: "CSE",
departmentnum: 1001});

db.department.insertOne({_id: 2, departmentname: "ISE",
departmentnum: 1002});

db.department.insertMany([{_id: 3, departmentname: "ECE",
departmentnum: 1003}, {_id: 4, departmentname: "~~ECE~~
EE

{ -id: 5, departmentname: "MECH", departmentnum: 1005 }]];

② Update : -

db. Employee. update ({ -id: 1, Name: "Abhishek" }
{ \$set: { "hobbies": "Football" } }, { upsert: true });

③ Remove

db. employee. update ({ -id: 1, Name: "Abhishek" }
{ \$unset: { "hobbies": "Football" } }, { upsert: true });

④ Select all

db. employee. find ({});

db. employee

db. department. find ({});

⑤

db. employee. find ({ departmentnum: { "\$gt": 1000,
"\$lte": 1000 } }, { None: true, departmentnum: 200 });

⑦

db. employee. find ({ "age": { "\$gt": 30 } });

⑧

db. employee. find ({ Name: { \$regex: ".*n" } });