

5/10/2020

DATE:

PAGE:

BDALAB-2

Write-up

IBM70347

C3

Use MySQL

db

Show dbs

db.createCollection("Employee")

db.createCollection("Department")

~~db.stud~~

db.Employee.insert({\_id:1, EmpName: "Niyathi", EmpID: "001",  
Department: "Marketing", Age: "25" })

db.Employee.insert({\_id:2, EmpName: "sonia", EmpID: "002",  
Department: "Sales", Age: "30" })

db.Employee.insert({\_id:3, EmpName: "Rahul", EmpID: "003",  
Department: "Management", Age: "45" })

db.Employee.insertOne({\_id:4, EmpName: "Rohit", EmpID: "004",  
Department: "HR", Age: "31" });

db.Employee.insertMany([ {\_id:5, EmpName: "Raju",  
EmpID: "005", Department: "Accounting", Age: "28"},  
{\_id:6, EmpName: "Jaya", EmpID: "006", Department: "HR",  
Age: "30" }]);

db.Department.insert({\_id:1, deptname: "Marketing",  
dept-num: 1001});

db.Department.insertOne({\_id:2, deptname: "Sales", deptnum: 1002});

db.Department.insertMany([ {\_id:3, deptname: "Management", deptnum:  
1003},

{\_id:4, deptname: "HR", deptnum: 1004},  
{\_id:5, deptname: "Accounting", deptnum: 1005} ] );

{-id: 5, deptname: "Accounting", deptnum: 1005}];

② update

db.Employee.update({-id: 1, EmpName: "John"},  
{ \$set: { "Hobbies: Reading", \$unset: { "Hobbies: Piano" } } });

③ Remove

db.Employee.update({-id: 1, EmpName: "Niyathi"},  
{ \$unset: { "Hobbies: Piano" },  
\$set: { "Hobbies: Reading" },  
\$unset: { "Hobbies: Piano" },  
\$set: { "Hobbies: Reading" },  
\$unset: { "Hobbies: Piano" },  
\$set: { "Hobbies: Reading" } });

④ select all

db.Employee.find({});  
db.Department.find({});

⑤ db.Employee.find({deptnum: 1005, EmpName: "John"},  
{ \$set: { "Hobbies: Reading" },  
\$unset: { "Hobbies: Piano" } });

⑥ db.Employee.find({Age: 30});

⑦ db.Employee.find({EmpName: "John"},  
{ \$set: { "Hobbies: Reading" },  
\$unset: { "Hobbies: Piano" } });

⑧ Same

db.Employee.same({-id: 1, EmpName: "Niyathi", EmpID: "001",  
Department: "Marketing", Age: "25"});  
db.Department.same({-id: 1, deptname: "Marketing",  
deptnum: 1001});