Saurav Rijal
1BM17CS140
5th Oct, 2020

BDA LAB -2

1) Insertion of five document in each collection using all three method of Insertion.

→ Use company:

db. create Collection ("employee");

db. create Collection ("department");

db. employee .insert ({_id: 1, Name : "Saurav Rijal", deptnum:1001, age :22, phone : 7337760588, email: "saurav@gmail.com"});

db. employee .insertOne ({_id:2, Name: "Saugat Rijal", deptnum : 1002, age : 27, phone: 7337760640, email: "saugat@gmail.com"});

db. employee .InsertMany([{_id:3, Name: "DevSutihar", deptnum : 1003, age:35, phonee : 6339256788, email :"devnarayan@gmail.com"},
{_id:4, Name : "shubham", deptnum: 1004, age : 39, phone : 6523349763, email: "shubham@gmail.com"},
{_id:5, Name : "Divyanshu", deptnum: 1005, age : 20, phone: 7243976632, email: "divyan@gmail.com"}])

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

db. department .insertOne ({_id:2, deptname: "Civil", deptnum: 1002});

db. department .insertMany([{_id:3, deptname : "EEE', deptnum:1003},
{_id:4, deptname: "chemical", deptnum: 1004},
{_id:5, deptname: "Architecture", deptnum: 1005}])

db. employee .update ({_id:1, Name : "Saurav Rijal", age : 22},
{$set: {phone : 9845580834}}, {upsert : true});

db. department .update ({_id:3, deptname: "EEE"}, {$set : {HOD: "Sanju"}}, {upsert : true});

1.

Saurav Rijal

1BM17CS140

Update

2) db. Employee . update ({_id:1}, {$set :{ salary : 50000}})
   db. employee. update ({_id:2}, {$set : { salary: 60000}})
   db. employee. update({_id:3}, {$set :{salary: 48000}})

Remove

3) db. employee. update ({_id:1, Name : "Saurav Rijal"},
   {$unset : {"phone": 9845580834 }}, {upsert : true});

4) Select all

   db. employee. find ({ });
   db. department. find ({ });

5) db. employee.find({deptnum : {"$gt" : 1000, "$lt":1005}},
   { Name : true , deptnum :true});

6) db. employee. find ({Name :{$regex :"^A"}});

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