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**Roll No: 13136**

**Group B: Practical 1** Design and Develop MongoDB Queries using CRUD operations.

**Create Collection:**

Practical10> show collections

Practical10> db.createCollection("vehical\_data");

{ ok: 1 }

Practical10> db.Practical10.insert([{vehicalNo: 1011, vehicalName: 'Activa', vehicalOwner: 'Ashish'}]);

DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.{

acknowledged: true,

insertedIds: { '0': ObjectId("653b65a8c7c46886174756bd") }

}

Practical10> db.Practical10.insert([{vehicalNo: 5021, vehicalName: 'Shine', vehicalOwner: 'Saurabh'}, {vehicalNo: 5231, vehicalName: 'Splendar', vehicalOwner: 'Anurag'}]);{

acknowledged: true,

insertedIds: {

'0': ObjectId("653b6605c7c46886174756be"),

'1': ObjectId("653b6605c7c46886174756bf")

}

}

Practical10> db.Practical10.insert([{vehicalNo: 4312, vehicalName: 'Royal Enfield', vehicalOwner: 'Hrishikesh'}, {vehicalNo: 3241, vehicalName: 'Activa4G', vehicalOwner: 'Ishvar'}]);{

acknowledged: true,

insertedIds: {

'0': ObjectId("653b6654c7c46886174756c0"),

'1': ObjectId("653b6654c7c46886174756c1")

}

}

Practical10> db.Practical10.find();[ {

\_id: ObjectId("653b65a8c7c46886174756bd"),

vehicalNo: 1011,

vehicalName: 'Activa',

vehicalOwner: 'Ashish' },

{

\_id: ObjectId("653b6605c7c46886174756be"),

vehicalNo: 5021,

vehicalName: 'Shine',

vehicalOwner: 'Saurabh' },

{

\_id: ObjectId("653b6605c7c46886174756bf"),

vehicalNo: 5231,

vehicalName: 'Splendar',

vehicalOwner: 'Anurag' },

{

\_id: ObjectId("653b6654c7c46886174756c0"),

vehicalNo: 4312,

vehicalName: 'Royal Enfield',

vehicalOwner: 'Hrishikesh’ },

{

\_id: ObjectId("653b6654c7c46886174756c1"),

vehicalNo: 3241,

vehicalName: 'Activa4G',

vehicalOwner: 'Ishvar' }]

Practical10> db.Practical10.insert([{vehicalNo: 2112, vehicalName: 'Duo', vehicalOwner: 'Rushikesh'}]);{

acknowledged: true,

insertedIds: { '0': ObjectId("653b66a0c7c46886174756c2") }

}

Practical10> db.Practical10.find();[ {

\_id: ObjectId("653b65a8c7c46886174756bd"),

vehicalNo: 1011,

vehicalName: 'Activa',

vehicalOwner: 'Ashish' },

{

\_id: ObjectId("653b6605c7c46886174756be"),

vehicalNo: 5021,

vehicalName: 'Shine',

vehicalOwner: 'Saurabh'},

{

\_id: ObjectId("653b6605c7c46886174756bf"),

vehicalNo: 5231,

vehicalName: 'Splendar',

vehicalOwner: 'Anurag' },

{

\_id: ObjectId("653b6654c7c46886174756c0"),

vehicalNo: 4312,

vehicalName: 'Royal Enfield',

vehicalOwner: 'Hrishikesh' },

{

\_id: ObjectId("653b6654c7c46886174756c1"),

vehicalNo: 3241,

vehicalName: 'Activa4G',

vehicalOwner: 'Ishvar' },

{

\_id: ObjectId("653b66a0c7c46886174756c2"),

vehicalNo: 2112,

vehicalName: 'Duo',

vehicalOwner: 'Rushikesh' }]

**Update Doccument:**

Practical10> db.Practical10.update({vehicalNo:5021}, {$set:{"vehicalOwner":"Suresh"}});

DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

Practical10> db.Practical10.find().pretty();[ {

\_id: ObjectId("653b65a8c7c46886174756bd"),

vehicalNo: 1011,

vehicalName: 'Activa',

vehicalOwner: 'Ashish' },

{

\_id: ObjectId("653b6605c7c46886174756be"),

vehicalNo: 5021,

vehicalName: 'Shine',

vehicalOwner: 'Suresh' },

{

\_id: ObjectId("653b6605c7c46886174756bf"),

vehicalNo: 5231,

vehicalName: 'Splendar',

vehicalOwner: 'Anurag' },

{

\_id: ObjectId("653b6654c7c46886174756c0"),

vehicalNo: 4312,

vehicalName: 'Royal Enfield',

vehicalOwner: 'Hrishikesh' },

{

\_id: ObjectId("653b6654c7c46886174756c1"),

vehicalNo: 3241,

vehicalName: 'Activa4G',

vehicalOwner: 'Ishvar' },

{

\_id: ObjectId("653b66a0c7c46886174756c2"),

vehicalNo: 2112,

vehicalName: 'Duo',

vehicalOwner: 'Rushikesh' }]

Practical10> db.Practical10.update({vehicalNo:1011}, {$set:{"vehicalOwner":"Vishal"}});{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0}

Practical10> db.Practical10.find().pretty();[ {

\_id: ObjectId("653b65a8c7c46886174756bd"),

vehicalNo: 1011,

vehicalName: 'Activa',

vehicalOwner: 'Vishal'

}, {

\_id: ObjectId("653b6605c7c46886174756be"),

vehicalNo: 5021,

vehicalName: 'Shine',

vehicalOwner: 'Suresh'

}, {

\_id: ObjectId("653b6605c7c46886174756bf"),

vehicalNo: 5231,

vehicalName: 'Splendar',

vehicalOwner: 'Anurag'

}, {

\_id: ObjectId("653b6654c7c46886174756c0"),

vehicalNo: 4312,

vehicalName: 'Royal Enfield',

vehicalOwner: 'Hrishikesh'

}, {

\_id: ObjectId("653b6654c7c46886174756c1"),

vehicalNo: 3241,

vehicalName: 'Activa4G',

vehicalOwner: 'Ishvar'

}, {

\_id: ObjectId("653b66a0c7c46886174756c2"),

vehicalNo: 2112,

vehicalName: 'Duo',

vehicalOwner: 'Rushikesh' }]

**Find Records:**

Practical10> db.Practical10.find().pretty();[ {

\_id: ObjectId("653b65a8c7c46886174756bd"),

vehicalNo: 1011,

vehicalName: 'Activa',

vehicalOwner: 'Vishal' },

{

\_id: ObjectId("653b6605c7c46886174756be"),

vehicalNo: 5021,

vehicalName: 'Shine',

vehicalOwner: 'Suresh' },

{

\_id: ObjectId("653b6605c7c46886174756bf"),

vehicalNo: 5231,

vehicalName: 'Splendar',

vehicalOwner: 'Anurag' },

{

\_id: ObjectId("653b6654c7c46886174756c0"),

vehicalNo: 4312,

vehicalName: 'Royal Enfield',

vehicalOwner: 'Hrishikesh' },

{

\_id: ObjectId("653b6654c7c46886174756c1"),

vehicalNo: 3241,

vehicalName: 'Activa4G',

vehicalOwner: 'Ishvar' },

{

\_id: ObjectId("653b66a0c7c46886174756c2"),

vehicalNo: 2112,

vehicalName: 'Duo',

vehicalOwner: 'Rushikesh' }]

**Delete Doccument:**

Practical10> db.Practical10.deleteOne({"vehicalNo":"2112"});

{ acknowledged: true, deletedCount: 0 }