PRACTICAL NO : 09

Problem Statement : Design and develop mongodb queries using CRUD operations.

test> show dbs

admin 40.00 KiB

config 60.00 KiB

local 72.00 KiB

mydb 40.00 KiB

test> use mydb

switched to db mydb

mydb> show dbs;

admin 40.00 KiB

config 60.00 KiB

local 72.00 KiB

mydb 40.00 KiB

mydb> db.createCollection("Employees")

{ ok: 1 }

mydb> show collections

Employees

orders

mydb> db.employees.insert({"name":"vaishali","Emp\_Id":"e100"})

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

{

acknowledged: true,

insertedIds: { '0': ObjectId("65393d82eddbee4a04b614ec") }

}

mydb> show dbs;

admin 40.00 KiB

config 60.00 KiB

local 72.00 KiB

mydb 56.00 KiB

mydb> db.employees.insert({"name":"siddhi","Emp\_Id":"e101"})

{

acknowledged: true,

insertedIds: { '0': ObjectId("65393df9eddbee4a04b614ed") }

} name: 'vaishali',

mydb> show dbs;

admin 40.00 KiB

config 60.00 KiB

local 72.00 KiB

mydb 88.00 KiB

mydb> db.employees.insert([{"name":"neha","Emp\_Id":"e101"},{"name":"sweeti","Emp\_Id":"e102"},{"name":"smith","Emp\_Id":"e103"},{"name":"rohit","Emp\_Id":"e104"},{"name":"virat","Emp\_Id":"e105"}])

{ \_id: ObjectId("65393d82eddbee4a04b614ec"),

acknowledged: true,

insertedIds: {0'

'0': ObjectId("65393e3eeddbee4a04b614ee"),

'1': ObjectId("65393e3eeddbee4a04b614ef"),

'2': ObjectId("65393e3eeddbee4a04b614f0"),

'3': ObjectId("65393e3eeddbee4a04b614f1"),

'4': ObjectId("65393e3eeddbee4a04b614f2")

}

}

mydb> db.employees.find()

[

{

\_id: ObjectId("65393d82eddbee4a04b614ec"),

name: 'vaishali',

Emp\_Id: 'e100'

},

{

\_id: ObjectId("65393df9eddbee4a04b614ed"),

name: 'siddhi',

Emp\_Id: 'e101'

},

{

\_id: ObjectId("65393e3eeddbee4a04b614ee"),

name: 'neha',

Emp\_Id: 'e101'

},

{

\_id: ObjectId("65393e3eeddbee4a04b614ef"),

name: 'sweeti',

Emp\_Id: 'e102'

},

{

\_id: ObjectId("65393e3eeddbee4a04b614f0"),

name: 'smith',

Emp\_Id: 'e103'

},

{

\_id: ObjectId("65393e3eeddbee4a04b614f1"),

name: 'rohit',

Emp\_Id: 'e104'

},

{

\_id: ObjectId("65393e3eeddbee4a04b614f2"),

name: 'virat',

Emp\_Id: 'e105'

}

]

mydb> db.employees.update({name:"siddhi"},{$set:{Emp\_Id:107},$currentDate:{lastupdated:true}})

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

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

mydb> db.employees.update({Emp\_Id:"e102"},{$set:{name:"KL\_Rahul"},$currentDate:{laslastupdated:true}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

mydb> db.employees.find()

[

{

\_id: ObjectId("65393d82eddbee4a04b614ec"),

name: 'vaishali',

Emp\_Id: 'e100'

},

{

\_id: ObjectId("65393df9eddbee4a04b614ed"),

name: 'siddhi',

Emp\_Id: 107,

lastupdated: ISODate("2023-10-25T16:16:19.457Z")

},

{

\_id: ObjectId("65393e3eeddbee4a04b614ee"),

name: 'neha',

Emp\_Id: 'e101'

},

{

\_id: ObjectId("65393e3eeddbee4a04b614ef"),

name: 'KL\_Rahul',

Emp\_Id: 'e102',

lastupdated: ISODate("2023-10-25T16:16:48.396Z")

},

{

\_id: ObjectId("65393e3eeddbee4a04b614f0"),

name: 'smith',

Emp\_Id: 'e103'

},

{

\_id: ObjectId("65393e3eeddbee4a04b614f1"),

name: 'rohit',

Emp\_Id: 'e104'

},

{

\_id: ObjectId("65393e3eeddbee4a04b614f2"),

name: 'virat',

Emp\_Id: 'e105'

}

]

mydb> db.employees.remove({name:"vaishali"})

DeprecationWarning: Collection.remove() is deprecated. Use deleteOne, deleteMany, findOneAndDelete, or bulkWrite.

{ acknowledged: true, deletedCount: 1 }

mydb> db.employees.find()

[

{

\_id: ObjectId("65393df9eddbee4a04b614ed"),

name: 'siddhi',

Emp\_Id: 107,

lastupdated: ISODate("2023-10-25T16:16:19.457Z")

},

{

\_id: ObjectId("65393e3eeddbee4a04b614ee"),

name: 'neha',

Emp\_Id: 'e101'

},

{

\_id: ObjectId("65393e3eeddbee4a04b614ef"),

name: 'KL\_Rahul',

Emp\_Id: 'e102',

lastupdated: ISODate("2023-10-25T16:16:48.396Z")

},

{

\_id: ObjectId("65393e3eeddbee4a04b614f0"),

name: 'smith',

Emp\_Id: 'e103'

},

{

\_id: ObjectId("65393e3eeddbee4a04b614f1"),

name: 'rohit',

Emp\_Id: 'e104'

},

{

\_id: ObjectId("65393e3eeddbee4a04b614f2"),

name: 'virat',

Emp\_Id: 'e105'

}

]

mydb>