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**PRACTICAL NO 13**

**Problem Statement** :- Design and Implement any 5 queries using MongoDB

**Student Name** :- **Roll\_No** :-

**BATCH** :- TEB-3 **Date** :-\_\_/\_\_/\_\_\_\_

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**1.DISPLAY DOCUMENTS IN COLLECTIO "stud" :-**

QUERY : > use Rohit

OUTPUT:switched to db Rohit

QUERY : > db.stud.find({}).pretty()

Output:

{

"\_id" : ObjectId("59a5257e7e602f6087591051"),

"name" : "alpesh vasni",

"rollno" : 65,

"cast" : "OPen",

"address" : "nasik"

}

{

"\_id" : ObjectId("59a526697e602f6087591052"),

"name" : "salman",

"rollno" : 55,

"cast" : "OPan",

"address" : "nasik"

}

{

"\_id" : ObjectId("59a5268f7e602f6087591053"),

"name" : "rahod",

"rollno" : 549,

"cast" : "sc",

"address" : "jalgaon"

}

**2. Remove a field from Documents :-**

QUERY : > db.STUD.update({},{$unset:{address:1}},{multi:true})

OUTPUT: WriteResult({ "nMatched" : 3, "nUpserted" : 0, "nModified"

:3 })

QUERY : > db.stud.find({}).pretty()

Output:

{

"\_id" : ObjectId("59a5257e7e602f6087591051"),

"name" : "alpesh vasni",

"rollno" : 65,

"cast" : "OPen"

}

{

"\_id" : ObjectId("59a526697e602f6087591052"),

"name" : "salman",

"rollno" : 55,

"cast" : "OPan"

}

{

"\_id" : ObjectId("59a5268f7e602f6087591053"),

"name" : "rahod",

"rollno" : 549,

"cast" : "sc"

}

**3.PROJECTION in MongoDB :-**

QUERY : > db.STUD.find({},{'name':1})

OUTPUT:

{

"\_id" : ObjectId("59a5257e7e602f6087591051"),

"name" : "alpesh vasni"

}

{

"\_id" : ObjectId("59a526697e602f6087591052"),

"name" : "salman"

}

{

"\_id" : ObjectId("59a5268f7e602f6087591053"),

"name" : "rahod"

}

QUERY : > db.STUD.find({},{'name':1,’\_id’:0})

OUTPUT:

{

"name" : "alpesh vasni"

}

{

"name" : "salman"

}

{

"name" : "rahod"

}

**4.limit() Method :-**

QUERY : > db.STUD.find().pretty().limit(2)

OUTPUT:

{

"\_id" : ObjectId("59a5257e7e602f6087591051"),

"name" : "alpesh vasni",

"rollno" : 65,

"cast" : "OPen",

"address" : "nasik"

}

{

"\_id" : ObjectId("59a526697e602f6087591052"),

"name" : "salman",

"rollno" : 55,

"cast" : "OPan",

"address" : "nasik"

}

**5.skip() Method :-**

QUERY : > db.STUD.find().pretty().limit(1).skip(2)

OUTPUT:

{

"\_id" : ObjectId("59a5268f7e602f6087591053"),

"name" : "rahod",

"rollno" : 549,

"cast" : "sc",

"address" : "jalgaon"

}

**6.SORT() Method :-**

QUERY : > db.STUD.find({},{\_id:0}).pretty().sort({'name':-1})

OUTPUT:

{

"name" : "salman",

"rollno" : 55,

"cast" : "OPan"

}

{

"name" : "rahod",

"rollno" : 549,

"cast" : "sc",

"address" : "jalgaon"

}

{

"name" : "alpesh vasni",

"rollno" : 65,

"cast" : "OPen"

}

QUERY : > db.STUD.find({},{\_id:0}).pretty().sort({'name':1})

OUTPUT:

{

"name" : "alpesh vasni",

"rollno" : 65,

"cast" : "OPen"

}

{

"name" : "rahod",

"rollno" : 549,

"cast" : "sc",

"address" : "jalgaon"

}

{

"name" : "salman",

"rollno" : 55,

"cast" : "OPan"

}