Assignment No:1(Group C)

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Title: Create a database with suitable example using MongoDB and implement

1.Inserting and saving document(batch insert,insert validation)

2.Removing document

3.Updating document (document replacement,using modifiers,insert,updating multiple documents,returning updated documents)

Batch No: T1 Roll No:06

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> use tejas

switched to db tejas

> db.createCollection("student")

{ "ok" : 1 }

> db.student.insert({'name':'john','id':1,'branch':'computer','class':'BE'})

> db.student.insert({'name':'mayuri','id':2,'branch':'civil','class':'TE'})

> db.student.insert({'name':'aman','id':3,'branch':'ETC','class':'TE'})

> db.student.insert({'name':'anand','id':4,'branch':'ETC','class':'SE'})

> db.student.find()

{ "\_id" : ObjectId("59d3d038f8efd48f38c26f0f"), "name" : "john", "id" : 1, "branch" : "computer", "class" : "BE" }

{ "\_id" : ObjectId("59d3d09ff8efd48f38c26f10"), "name" : "mayuri", "id" : 2, "branch" : "civil", "class" : "TE" }

{ "\_id" : ObjectId("59d3d0bdf8efd48f38c26f11"), "name" : "aman", "id" : 3, "branch" : "ETC", "class" : "TE" }

{ "\_id" : ObjectId("59d3d0d6f8efd48f38c26f12"), "name" : "anand", "id" : 4, "branch" : "ETC", "class" : "SE" }

> db.student.find().pretty()

{

"\_id" : ObjectId("59d3d038f8efd48f38c26f0f"),

"name" : "john",

"id" : 1,

"branch" : "computer",

"class" : "BE"

}

{

"\_id" : ObjectId("59d3d09ff8efd48f38c26f10"),

"name" : "mayuri",

"id" : 2,

"branch" : "civil",

"class" : "TE"

}

{

"\_id" : ObjectId("59d3d0bdf8efd48f38c26f11"),

"name" : "aman",

"id" : 3,

"branch" : "ETC",

"class" : "TE"

}

{

"\_id" : ObjectId("59d3d0d6f8efd48f38c26f12"),

"name" : "anand",

"id" : 4,

"branch" : "ETC",

"class" : "SE"

}

> db.student.update({"id":1},{$push:{"tel\_no":[99999999999]}})

> db.student.update({"id":2},{$push:{"tel\_no":[99999996789]}})

> db.student.update({"id":3},{$push:{"tel\_no":[90599996789]}})

> db.student.update({"id":4},{$push:{"tel\_no":[93459996789]}})

> db.student.find().pretty()

{

"\_id" : ObjectId("59d3d038f8efd48f38c26f0f"),

"branch" : "computer",

"class" : "BE",

"id" : 1,

"name" : "john",

"tel\_no" : [

[

99999999999

]

]

}

{

"\_id" : ObjectId("59d3d09ff8efd48f38c26f10"),

"branch" : "civil",

"class" : "TE",

"id" : 2,

"name" : "mayuri",

"tel\_no" : [

[

99999996789

]

]

}

{

"\_id" : ObjectId("59d3d0bdf8efd48f38c26f11"),

"branch" : "ETC",

"class" : "TE",

"id" : 3,

"name" : "aman",

"tel\_no" : [

[

90599996789

]

]

}

{

"\_id" : ObjectId("59d3d0d6f8efd48f38c26f12"),

"branch" : "ETC",

"class" : "SE",

"id" : 4,

"name" : "anand",

"tel\_no" : [

[

93459996789

]

]

}

> db.student.find()

{ "\_id" : ObjectId("59d3d038f8efd48f38c26f0f"), "branch" : "computer", "class" : "BE", "id" : 1, "name" : "john", "tel\_no" : [ [ 99999999999 ] ] }

{ "\_id" : ObjectId("59d3d09ff8efd48f38c26f10"), "branch" : "civil", "class" : "TE", "id" : 2, "name" : "mayuri", "tel\_no" : [ [ 99999996789 ] ] }

{ "\_id" : ObjectId("59d3d0bdf8efd48f38c26f11"), "branch" : "ETC", "class" : "TE", "id" : 3, "name" : "aman", "tel\_no" : [ [ 90599996789 ] ] }

{ "\_id" : ObjectId("59d3d0d6f8efd48f38c26f12"), "branch" : "ETC", "class" : "SE", "id" : 4, "name" : "anand", "tel\_no" : [ [ 93459996789 ] ] }

>db.dropdatabase()

{ "droppped" : "tejas","ok": 1}

>show dbs

local 0.03125GB