Assignment No:2(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

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Roll No:08

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> USE TEST

switched to db test

> db.createCollection("STUD\_08")

{ "ok" : 1 }

> db.STUD\_08.insert({'NAME':'JOHN','ID':1,'BRANCH':'IT','CLASS':'TE','MARKS':56});

WrITEResult({ "ninsertEd" : 1 })

> db.STUD\_08.insert({'NAME':'SAM','ID':2,'BRANCH':'IT','CLASS':'TE','MARKS':45});

WrITEResult({ "ninsertEd" : 1 })

> db.STUD\_08.insert({'NAME':'SAMAR','ID':3,'BRANCH':'IT','CLASS':'TE','MARKS':45});

WrITEResult({ "ninsertEd" : 1 })

> db.STUD\_08.insert({'NAME':'SCOTT','ID':4,'BRANCH':'IT','CLASS':'TE','MARKS':730});

WrITEResult({ "ninsertEd" : 1 })

> db.STUD\_08.insert({'NAME':'STIFF','ID':5,'BRANCH':'IT','CLASS':'TE','MARKS':930});

WrITEResult({ "ninsertEd" : 1 })

> db.STUD\_08.find()

{ "\_ID" : ObjectID("5bbacd427aa3035233e200405"), "NAME" : "JOHN", "ID" : 1, "BRANCH" : "IT", "CLASS" : "TE", "MARKS" : 56 }

{ "\_ID" : ObjectID("5bbacd5b7aa3035233e200406"), "NAME" : "SAM", "ID" : 2,

"BRANCH" : "IT", "CLASS" : "TE", "MARKS" : 45 }

{ "\_ID" : ObjectID("5bbacd637aa3035233e200407"), "NAME" : "SAMAR", "ID" : 3, "BRANCH" : "IT", "CLASS" : "TE", "MARKS" : 45 }

{ "\_ID" : ObjectID("5bbacd3067aa3035233e2004030"), "NAME" : "SCOTT", "ID" : 4, "BRANCH" : "IT", "CLASS" : "TE", "MARKS" : 730 }

{ "\_ID" : ObjectID("5bbacd9c7aa3035233e200409"), "NAME" : "STIFF", "ID" : 5, "BRANCH" : "IT", "CLASS" : "TE", "MARKS" : 930 }

> db.STUD\_08.findONE()

{

"\_ID" : ObjectID("5bbacc527aa3035233e200402"),

"NAME" : "JOHN",

"ID" : 1,

"BRANCH" : "IT",

"CLASS" : "TE",

"MARKS" : 56

}

> db.STUD\_08.find( { $OR: [ { QUANTITY: { $LT: 50 } }, { MARKS:45}]});

{ "\_ID" : ObjectID("5bbacd5b7aa3035233e200406"), "NAME" : "SAM", "ID" : 2, "BRANCH" : "IT", "CLASS" : "TE", "MARKS" : 45 }

{ "\_ID" : ObjectID("5bbacd637aa3035233e200407"), "NAME" : "SAMAR", "ID" : 3, "BRANCH" : "IT", "CLASS" : "TE", "MARKS" : 45 }

> db.STUD\_08.find( { MARKS: { $NOT: { $GT: 45} } } )

{ "\_ID" : ObjectID("5bbacd5b7aa3035233e200406"), "NAME" : "SAM", "ID" : 2, "BRANCH" : "IT", "CLASS" : "TE", "MARKS" : 45 }

{ "\_ID" : ObjectID("5bbacd637aa3035233e200407"), "NAME" : "SAMAR", "ID" : 3, "BRANCH" : "IT", "CLASS" : "TE", "MARKS" : 45 }

> db.STUD\_08.find( { $AND: [ { MARKS: { $NE: 45 } }, { MARKS: { $EXISTS: TRUE } } ] } )

{ "\_ID" : ObjectID("5bbacd427aa3035233e200405"), "NAME" : "JOHN", "ID" : 1, "BRANCH" : "IT", "CLASS" : "TE", "MARKS" : 56 }

{ "\_ID" : ObjectID("5bbacd3067aa3035233e2004030"), "NAME" : "SCOTT", "ID" : 4, "BRANCH" : "IT", "CLASS" : "TE", "MARKS" : 730 }

{ "\_ID" : ObjectID("5bbacd9c7aa3035233e200409"), "NAME" : "STIFF", "ID" : 5, "BRANCH" : "IT", "CLASS" : "TE", "MARKS" : 930 }

> db.STUD\_08.insert({NAME:NULL,ID:9,BRANCH:"CIVIL",MARKS:300});

WrITEResult({ "ninsertEd" : 1 })