Assignment No:3C

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1. Display the list of customers having same credit and debit values

> db.new\_customer.find({$where:"this.credit==this.debit"})

{ "\_id" : ObjectId("5b8e1fc221307221ca788498"), "id" : 9, "name" : "Suyash", "ci

ty" : "Aurangabad", "credit" : 1000000, "debit" : 1000000 }

> db.new\_customer.find({$where:"this.credit>this.debit"})

{ "\_id" : ObjectId("5b8e1fa221307221ca788497"), "id" : 10, "name" : "Vishal", "c

ity" : "Solapur", "credit" : 100000, "debit" : 10000 }

{ "\_id" : ObjectId("5b8e202d21307221ca78849b"), "id" : 4, "name" : "Neeraj", "ci

ty" : "Osmanabad", "credit" : 667600, "debit" : 7800 }

{ "\_id" : ObjectId("5b8e206d21307221ca78849d"), "id" : 6, "name" : "Dilipi", "ci

ty" : "Malegaon", "credit" : 66700, "debit" : 786 }

{ "\_id" : ObjectId("5b8e208721307221ca78849e"), "id" : 7, "name" : "Sanket", "ci

ty" : "Beed", "credit" : 99700, "debit" : 7776 }

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2. Display the list of customers having high credit and low debit values

> db.new\_customer.find({$where:function(){return(this.credit>this.debit)}})

{ "\_id" : ObjectId("5b8e1fa221307221ca788497"), "id" : 10, "name" : "Vishal", "c

ity" : "Solapur", "credit" : 100000, "debit" : 10000 }

{ "\_id" : ObjectId("5b8e202d21307221ca78849b"), "id" : 4, "name" : "Neeraj", "ci

ty" : "Osmanabad", "credit" : 667600, "debit" : 7800 }

{ "\_id" : ObjectId("5b8e206d21307221ca78849d"), "id" : 6, "name" : "Dilipi", "ci

ty" : "Malegaon", "credit" : 66700, "debit" : 786 }

{ "\_id" : ObjectId("5b8e208721307221ca78849e"), "id" : 7, "name" : "Sanket", "ci

ty" : "Beed", "credit" : 99700, "debit" : 7776 }

>

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3. Display the list of customers having same credit and debit values or

greater debit value than credit values using function

> db.customer.find(function(){return(this.credit>this.debit||this.credit==this.d

ebit) } )

{ "\_id" : ObjectId("5b8e1fa221307221ca788497"), "id" : 10, "name" : "Vishal", "c

ity" : "Solapur", "credit" : 100000, "debit" : 10000 }

{ "\_id" : ObjectId("5b8e1fc221307221ca788498"), "id" : 9, "name" : "Suyash", "ci

ty" : "Aurangabad", "credit" : 1000000, "debit" : 1000000 }

{ "\_id" : ObjectId("5b8e202d21307221ca78849b"), "id" : 4, "name" : "Neeraj", "ci

ty" : "Osmanabad", "credit" : 667600, "debit" : 7800 }

{ "\_id" : ObjectId("5b8e206d21307221ca78849d"), "id" : 6, "name" : "Dilipi", "ci

ty" : "Malegaon", "credit" : 66700, "debit" : 786 }

{ "\_id" : ObjectId("5b8e208721307221ca78849e"), "id" : 7, "name" : "Sanket", "ci

ty" : "Beed", "credit" : 99700, "debit" : 7776 }

>

>

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> var c1=db.customer.find();

> while(c1.hasNext()){print(tojson(c1.next()))}

{

"\_id" : ObjectId("5b8e1fa221307221ca788497"),

"id" : 10,

"name" : "Vishal",

"city" : "Solapur",

"credit" : 100000,

"debit" : 10000

}

{

"\_id" : ObjectId("5b8e1fc221307221ca788498"),

"id" : 9,

"name" : "Suyash",

"city" : "Aurangabad",

"credit" : 1000000,

"debit" : 1000000

}

{

"\_id" : ObjectId("5b8e1ff621307221ca788499"),

"id" : 2,

"name" : "Ramesh",

"city" : "Jintur",

"credit" : 1000,

"debit" : 10000

}

{

"\_id" : ObjectId("5b8e201421307221ca78849a"),

"id" : 3,

"name" : "Rutvik",

"city" : "Sangli",

"credit" : 66760,

"debit" : 78000

}

{

"\_id" : ObjectId("5b8e202d21307221ca78849b"),

"id" : 4,

"name" : "Neeraj",

"city" : "Osmanabad",

"credit" : 667600,

"debit" : 7800

}

{

"\_id" : ObjectId("5b8e204921307221ca78849c"),

"id" : 5,

"name" : "Rajma",

"city" : "Akola",

"credit" : 66700,

"debit" : 78880

}

{

"\_id" : ObjectId("5b8e206d21307221ca78849d"),

"id" : 6,

"name" : "Dilipi",

"city" : "Malegaon",

"credit" : 66700,

"debit" : 786

}

{

"\_id" : ObjectId("5b8e208721307221ca78849e"),

"id" : 7,

"name" : "Sanket",

"city" : "Beed",

"credit" : 99700,

"debit" : 7776

}

{

"\_id" : ObjectId("5b8e20ad21307221ca78849f"),

"id" : 8,

"name" : "Abhay",

"city" : "Nanded",

"credit" : 66700,

"debit" : 79999

}

{

"\_id" : ObjectId("5b8e22af21307221ca7884a0"),

"id" : 1,

"name" : "Madhur",

"city" : "Nandurbar",

"credit" : 11700,

"debit" : 11999

}

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4. Display the name and city of customer using cursor

> var c2=db.customer.find();

> c2.forEach(function(out){print("Name :"+out.name+"City:"+out.city);})

Name :VishalCity:Solapur

Name :SuyashCity:Aurangabad

Name :RameshCity:Jintur

Name :RutvikCity:Sangli

Name :NeerajCity:Osmanabad

Name :RajmaCity:Akola

Name :DilipiCity:Malegaon

Name :SanketCity:Beed

Name :AbhayCity:Nanded

Name :MadhurCity:Nandurbar

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5. Display the list of first five customers

> db.customer.find().limit(5)

{ "\_id" : ObjectId("5b8e1fa221307221ca788497"), "id" : 10, "name" : "Vishal", "c

ity" : "Solapur", "credit" : 100000, "debit" : 10000 }

{ "\_id" : ObjectId("5b8e1fc221307221ca788498"), "id" : 9, "name" : "Suyash", "ci

ty" : "Aurangabad", "credit" : 1000000, "debit" : 1000000 }

{ "\_id" : ObjectId("5b8e1ff621307221ca788499"), "id" : 2, "name" : "Ramesh", "ci

ty" : "Jintur", "credit" : 1000, "debit" : 10000 }

{ "\_id" : ObjectId("5b8e201421307221ca78849a"), "id" : 3, "name" : "Rutvik", "ci

ty" : "Sangli", "credit" : 66760, "debit" : 78000 }

{ "\_id" : ObjectId("5b8e202d21307221ca78849b"), "id" : 4, "name" : "Neeraj", "ci

ty" : "Osmanabad", "credit" : 667600, "debit" : 7800 }

>

>

6. Display 8and 9 no. customers from the collection

> db.customer.find().skip(7).limit(2)

{ "\_id" : ObjectId("5b8e208721307221ca78849e"), "id" : 7, "name" : "Sanket", "ci

ty" : "Beed", "credit" : 99700, "debit" : 7776 }

{ "\_id" : ObjectId("5b8e20ad21307221ca78849f"), "id" : 8, "name" : "Abhay", "cit

y" : "Nanded", "credit" : 66700, "debit" : 79999 }

>

>

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7. Display the list of customers in ascending order of city.

> db.customer.find().sort({id:1})

{ "\_id" : ObjectId("5b8e22af21307221ca7884a0"), "id" : 1, "name" : "Madhur", "ci

ty" : "Nandurbar", "credit" : 11700, "debit" : 11999 }

{ "\_id" : ObjectId("5b8e1ff621307221ca788499"), "id" : 2, "name" : "Ramesh", "ci

ty" : "Jintur", "credit" : 1000, "debit" : 10000 }

{ "\_id" : ObjectId("5b8e201421307221ca78849a"), "id" : 3, "name" : "Rutvik", "ci

ty" : "Sangli", "credit" : 66760, "debit" : 78000 }

{ "\_id" : ObjectId("5b8e202d21307221ca78849b"), "id" : 4, "name" : "Neeraj", "ci

ty" : "Osmanabad", "credit" : 667600, "debit" : 7800 }

{ "\_id" : ObjectId("5b8e204921307221ca78849c"), "id" : 5, "name" : "Rajma", "cit

y" : "Akola", "credit" : 66700, "debit" : 78880 }

{ "\_id" : ObjectId("5b8e206d21307221ca78849d"), "id" : 6, "name" : "Dilipi", "ci

ty" : "Malegaon", "credit" : 66700, "debit" : 786 }

{ "\_id" : ObjectId("5b8e208721307221ca78849e"), "id" : 7, "name" : "Sanket", "ci

ty" : "Beed", "credit" : 99700, "debit" : 7776 }

{ "\_id" : ObjectId("5b8e20ad21307221ca78849f"), "id" : 8, "name" : "Abhay", "cit

y" : "Nanded", "credit" : 66700, "debit" : 79999 }

{ "\_id" : ObjectId("5b8e1fc221307221ca788498"), "id" : 9, "name" : "Suyash", "ci

ty" : "Aurangabad", "credit" : 1000000, "debit" : 1000000 }

{ "\_id" : ObjectId("5b8e1fa221307221ca788497"), "id" : 10, "name" : "Vishal", "c

ity" : "Solapur", "credit" : 100000, "debit" : 10000 }

>

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8. Query to Rename the collection to new\_customer

> db.customer.renameCollection("new\_customer")

{ "ok" : 1 }

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9. Display the mongodb configuration details

> use admin

switched to db admin

> db.runCommand({buildInfo:1})

{

"version" : "2.6.4",

"gitVersion" : "3a830be0eb92d772aa855ebb711ac91d658ee910",

"targetMinOS" : "Windows XP SP3",

"OpenSSLVersion" : "",

"sysInfo" : "windows sys.getwindowsversion(major=6, minor=1, build=7601,

platform=2, service\_pack='Service Pack 1') BOOST\_LIB\_VERSION=1\_49",

"loaderFlags" : "/nologo /DEBUG /INCREMENTAL:NO /LARGEADDRESSAWARE",

"compilerFlags" : "/TP /nologo /EHsc /W3 /wd4355 /wd4800 /wd4267 /wd4244

/wd4290 /we4099 /Z7 /errorReport:none /MT /O2 /Oy-",

"allocator" : "system",

"versionArray" : [

2,

6,

4,

0

],

"javascriptEngine" : "V8",

"bits" : 32,

"debug" : false,

"maxBsonObjectSize" : 16777216,

"ok" : 1

}

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10. Write a query to drop the collection .

> db.new\_customer.drop()

true

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>