23mca010> db.createCollection('website')

{ ok: 1 }

23mca010> db.website.insert({roll:1,name:'akshay',amount:1000,url:'www.yahoo.com'})

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

{

acknowledged: true,

insertedIds: { '0': ObjectId('66263164ac089a313a9f990a') }

}

23mca010> db.website.insert({roll:2,name:'akshara',amount:2000,url:'www.google.com'})

{

acknowledged: true,

insertedIds: { '0': ObjectId('662631f0ac089a313a9f990b') }

}

23mca010> db.website.insert({roll:3,name:'ajay',amount:3000,url:'www.gmail.com'})

{

acknowledged: true,

insertedIds: { '0': ObjectId('66263231ac089a313a9f990c') }

}

23mca010> db.website.insert({roll:4,name:'ajo',amount:4000,url:'www.wikipedia.com'})

{

acknowledged: true,

insertedIds: { '0': ObjectId('66263285ac089a313a9f990d') }

}

23mca010> db.website.insert({roll:5,name:'shaibin',amount:5000,url:'www.youtube.com'})

{

acknowledged: true,

insertedIds: { '0': ObjectId('66263300ac089a313a9f990e') }

}

23mca010> db.website.insert({roll:6,name:'shaibin',amount:2000,url:'www.youtube.com'})

{

acknowledged: true,

insertedIds: { '0': ObjectId('662633b7ac089a313a9f990f') }

}

23mca010> db.website.aggregate({$group:{\_id:"$name","total":{$sum:"$amount"}}})

[

{ \_id: 'ajo', total: 4000 },

{ \_id: 'shaibin', total: 7000 },

{ \_id: 'akshara', total: 2000 },

23mca010>

{ \_id: 'akshay', total: 1000 }

]

23mca010> db.website.aggregate({$group:{\_id:"$name","average":{$avg:"$amount"}}})

[

{ \_id: 'akshara', average: 2000 },

{ \_id: 'ajay', average: 3000 },

{ \_id: 'akshay', average: 1000 },

{ \_id: 'shaibin', average: 3500 },

{ \_id: 'ajo', average: 4000 }

]

23mca010> db.website.aggregate({$group:{\_id:"$name","total":{$min:"$amount"}}})

[

{ \_id: 'akshara', total: 2000 },

{ \_id: 'ajay', total: 3000 },

{ \_id: 'ajo', total: 4000 },

{ \_id: 'shaibin', total: 2000 },

{ \_id: 'akshay', total: 1000 }

]

23mca010> db.website.aggregate({$group:{\_id:"$name","total":{$max:"$amount"}}})

[

{ \_id: 'ajay', total: 3000 },

{ \_id: 'ajo', total: 4000 },

{ \_id: 'shaibin', total: 5000 },

{ \_id: 'akshay', total: 1000 },

{ \_id: 'akshara', total: 2000 }

]

23mca010> db.website.aggregate({$group:{\_id:"$name","total":{$first:"$amount"}}})

[

{ \_id: 'ajo', total: 4000 },

{ \_id: 'shaibin', total: 5000 },

{ \_id: 'ajay', total: 3000 },

{ \_id: 'akshara', total: 2000 },

{ \_id: 'akshay', total: 1000 }

]

23mca010> db.website.aggregate({$group:{\_id:"$name","total":{$last:"$amount"}}})

[

{ \_id: 'akshay', total: 1000 },

{ \_id: 'shaibin', total: 2000 },

{ \_id: 'ajo', total: 4000 },

{ \_id: 'ajay', total: 3000 },

{ \_id: 'akshara', total: 2000 }

]

23mca010> db.website.aggregate({$group:{\_id:"$name","total":{$push:"$amount"}}})

[

{ \_id: 'akshara', total: [ 2000 ] },

{ \_id: 'ajay', total: [ 3000 ] },

{ \_id: 'ajo', total: [ 4000 ] },

{ \_id: 'shaibin', total: [ 5000, 2000 ] },

{ \_id: 'akshay', total: [ 1000 ] }

]

23mca010> db.website.aggregate({$group:{\_id:"$name","total":{$sum:1}}})

[

{ \_id: 'ajay', total: 1 },

{ \_id: 'akshara', total: 1 },

{ \_id: 'ajo', total: 1 },

{ \_id: 'shaibin', total: 2 },

{ \_id: 'akshay', total: 1 }

]

23mca010> db.website.aggregate({$group:{\_id:"$name","total":{$addToSet:"$amount"}}})

[

{ \_id: 'ajo', total: [ 4000 ] },

{ \_id: 'shaibin', total: [ 5000, 2000 ] },

{ \_id: 'ajay', total: [ 3000 ] },

{ \_id: 'akshara', total: [ 2000 ] },

{ \_id: 'akshay', total: [ 1000 ] }

]