> use ass3

switched to db ass3

> db.ass3.insert({roll:1, name:'navin', subject:oop, marks:78})

uncaught exception: ReferenceError: oop is not defined :

@(shell):1:39

> db.ass3.insert({roll:1, name:'navin', subject:'oop', marks:78})

WriteResult({ "nInserted" : 1 })

> db.ass3.insert({roll:2, name:'anusha', subject:'dsa', marks:75})

WriteResult({ "nInserted" : 1 })

> db.ass3.insert({roll:3, name:'ravi', subject:'toc', marks:69})

WriteResult({ "nInserted" : 1 })

> db.ass3.insert({roll:4, name:'veena', subject:'C++', marks:70})

WriteResult({ "nInserted" : 1 })

> db.ass3.insert({roll:5, name:'pravin', subject:'CN', marks:80})

WriteResult({ "nInserted" : 1 })

> db.ass3.insert({roll:6, name:'geeta', subject:'CN', marks:90})

WriteResult({ "nInserted" : 1 })

> db.ass3.find()

{ "\_id" : ObjectId("6352686908ee6c5c1c27c8af"), "roll" : 1, "name" : "navin", "subject" : "oop", "marks" : 78 }

{ "\_id" : ObjectId("635268be08ee6c5c1c27c8b0"), "roll" : 2, "name" : "anusha", "subject" : "dsa", "marks" : 75 }

{ "\_id" : ObjectId("635268e908ee6c5c1c27c8b1"), "roll" : 3, "name" : "ravi", "subject" : "toc", "marks" : 69 }

{ "\_id" : ObjectId("6352690b08ee6c5c1c27c8b2"), "roll" : 4, "name" : "veena", "subject" : "C++", "marks" : 70 }

{ "\_id" : ObjectId("6352692a08ee6c5c1c27c8b3"), "roll" : 5, "name" : "pravin", "subject" : "CN", "marks" : 80 }

{ "\_id" : ObjectId("6352694508ee6c5c1c27c8b4"), "roll" : 6, "name" : "geeta", "subject" : "CN", "marks" : 90 }

> var mapFunc = function(){emit(this.subject,this.marks)};

> var mapFunc = function(){emit(this.subject,this.marks);}

> var redFunc = function(key, values){

... var marks=0;

... for(var i=0;i<values.length;i++)

... {

... var marks += this.marks;

... }

... return marks;

... }

uncaught exception: SyntaxError: unexpected token: '+=' :

@(shell):5:10

> var redFunc = function(key, values){

... var marks=0;

... for(var i=0;i<values.length;i++)

... marks += values[i];

... return marks;

... }

> db.ass3.mapReduce(mapFunc,redFunc,{out:"total"})

{ "result" : "total", "ok" : 1 }

> db.total.found()

uncaught exception: TypeError: db.total.found is not a function :

@(shell):1:1

> db.total.find()

{ "\_id" : "dsa", "value" : 75 }

{ "\_id" : "CN", "value" : 170 }

{ "\_id" : "toc", "value" : 69 }

{ "\_id" : "C++", "value" : 70 }

{ "\_id" : "oop", "value" : 78 }

> var redFunc = function(key, values){ return Array.sum(values)}

> db.ass3.mapReduce(mapFunc,redFunc,{out:"total1"})

{ "result" : "total1", "ok" : 1 }

> db.total1.find()

{ "\_id" : "dsa", "value" : 75 }

{ "\_id" : "CN", "value" : 170 }

{ "\_id" : "toc", "value" : 69 }

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"subject" : "toc", "marks" : 69 }

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{ "result" : "total1", "ok" : 1 }

> db.total1.find()

{ "\_id" : "toc", "value" : 138 }

{ "\_id" : "C++", "value" : 140 }

{ "\_id" : "oop", "value" : 156 }

{ "\_id" : "dsa", "value" : 150 }

{ "\_id" : "CN", "value" : 340 }

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