

# Output

```
Command Prompt - mongo
> db.students.mapReduce( function() { emit(this.name, this.marks);}, function(key, values) { return Array.sum(values)}, { query: {marks: {$lt: 15}}, out: "retest_students" })
{
  "result" : "retest_students",
  "timeMillis" : 209,
  "counts" : {
    "input" : 1,
    "emit" : 1,
    "reduce" : 0,
    "output" : 1
  },
  "ok" : 1
}
> db.students.mapReduce( function() { emit(this.name, this.marks);}, function(key, values) { return Array.sum(values)}, { query: {marks: {$lt: 15}}, out: "retest_students" }).find().pretty()
{ "_id" : "cde", "value" : 12 }

Command Prompt - mongo
To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
---
> use assignb4
switched to db assignb4
> db.students.find().pretty()
{
  "_id" : ObjectId("5f8e7958b9ff7927a043c782"),
  "name" : "abc",
  "class" : 10,
  "div" : "a",
  "marks" : 18
}
{
  "_id" : ObjectId("5f8e7988b9ff7927a043c783"),
  "name" : "bcd",
  "class" : 10,
  "div" : "a",
  "marks" : 15
}
{
  "_id" : ObjectId("5f8e79a0b9ff7927a043c784"),
  "name" : "cde",
  "class" : 10,
  "div" : "a",
  "marks" : 16
}
{
  "_id" : ObjectId("5f8e7accb9ff7927a043c785"),
  "name" : "cde",
  "class" : 10,
  "div" : "a",
  "marks" : 12
}
{
  "_id" : ObjectId("5f8e80e1b9ff7927a043c786"),
  "name" : "efg",
  "class" : 10,
  "div" : "b",
  "marks" : 19
}
```

```
Command Prompt - mongo
ts" }.find().pretty()
{ "_id" : "cde", "value" : 12 }
> db.students.mapReduce( function() { emit(this.name, this.marks);}, function(key, values) { return Array.sum(values)}, { query: {marks: {$gte: 18}}, out: "grade_o" } )
{
  "result" : "grade_o",
  "timeMillis" : 67,
  "counts" : {
    "input" : 2,
    "emit" : 2,
    "reduce" : 0,
    "output" : 2
  },
  "ok" : 1
}
> db.students.mapReduce( function() { emit(this.name, this.marks);}, function(key, values) { return Array.sum(values)}, { query: {marks: {$gte: 18}}, out: "grade_o" } )
.find().pretty()
{ "_id" : "abc", "value" : 18 }
{ "_id" : "efg", "value" : 19 }
>
```