

Microsoft Windows [Version 10.0.19045.5011]
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C:\Users\A>cd..

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C:\>cd C:\Program Files\MongoDB\Server\5.0\bin

C:\Program Files\MongoDB\Server\5.0\bin>mongo

MongoDB shell version v5.0.29

connecting to:

mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb

Implicit session: session { "id" :

UUID("8bc74772-7207-4224-96ba-a5c2bb87546b") }

MongoDB server version: 5.0.29

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Warning: the "mongo" shell has been superseded by "mongosh",
which delivers improved usability and compatibility. The "mongo" shell has
been deprecated and will be removed in
an upcoming release.

For installation instructions, see

<https://docs.mongodb.com/mongodb-shell/install/>

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Welcome to the MongoDB shell.

For interactive help, type "help".

For more comprehensive documentation, see

<https://docs.mongodb.com/>

Questions? Try the MongoDB Developer Community Forums

<https://community.mongodb.com>

The server generated these startup warnings when booting:

2024-10-22T18:21:22.119+05:30: Access control is not enabled for
the database. Read and write access to data and configuration is
unrestricted

> use employee

switched to db employee

> db.createCollection("computer")

{ "ok" : 1 }

> db.computer.insertMany([{Name:"SDB", Designation:"HOD", Age:40,
Salary:90000}, {Name:"SBN", Designation:"Asso Prof", Age:40, Salary:85000},
{Name:"JSC", Designation:"Asso Prof", Age:30, Salary:75000}, {Name:"MSC",
Designation:"Asso Prof", Age:42, Salary:75000}, {Name:"VND",
Designation:"Asso Prof", Age:40, Salary:80000}, {Name:"VSK",
Designation:"Asso Prof", Age:35, Salary:65000}])

```

{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("6717a255b716781f8334c0c0"),
    ObjectId("6717a255b716781f8334c0c1"),
    ObjectId("6717a255b716781f8334c0c2"),
    ObjectId("6717a255b716781f8334c0c3"),
    ObjectId("6717a255b716781f8334c0c4"),
    ObjectId("6717a255b716781f8334c0c5")
  ]
}
> db.computer.find().pretty()
{
  "_id" : ObjectId("6717a255b716781f8334c0c0"),
  "Name" : "SDB",
  "Designation" : "HOD",
  "Age" : 40,
  "Salary" : 90000
}
{
  "_id" : ObjectId("6717a255b716781f8334c0c1"),
  "Name" : "SBN",
  "Designation" : "Asso Prof",
  "Age" : 40,
  "Salary" : 85000
}
{
  "_id" : ObjectId("6717a255b716781f8334c0c2"),
  "Name" : "JSC",
  "Designation" : "Asso Prof",
  "Age" : 30,
  "Salary" : 75000
}
{
  "_id" : ObjectId("6717a255b716781f8334c0c3"),
  "Name" : "MSC",
  "Designation" : "Asso Prof",
  "Age" : 42,
  "Salary" : 75000
}
{
  "_id" : ObjectId("6717a255b716781f8334c0c4"),
  "Name" : "VND",
  "Designation" : "Asso Prof",
  "Age" : 40,
  "Salary" : 80000
}

```

```

}
{
  "_id" : ObjectId("6717a255b716781f8334c0c5"),
  "Name" : "VSK",
  "Designation" : "Asso Prof",
  "Age" : 35,
  "Salary" : 65000
}
> var mapFunction = function () {
... emit("total", this.Salary);
... };
> var reduceFunction = function (key, values) {
... return Array.sum(values);
... };
> db.computer.mapReduce(
... mapFunction,
... reduceFunction,
... {
... out: "TotalSalaryResult"
... }
... );
{ "result" : "TotalSalaryResult", "ok" : 1 }
> db.TotalSalaryResult.find().pretty();
{ "_id" : "total", "value" : 470000 }

```