db.students.insertMany([

{ name: "Ravi", course: "BSc", marks: 75 },

{ name: "Sita", course: "BA", marks: 85 },

{ name: "Amit", course: "BSc", marks: 90 },

{ name: "Pooja", course: "BA", marks: 70 }

])

1.Map Function

var mapFunction = function() {

emit(this.course, this.marks);

};

### 2.**Reduce Function**

var reduceFunction = function(key, values) {

return Array.sum(values);

};

3.MapReduce Operation

db.students.mapReduce(

mapFunction,

reduceFunction,

{ out: "course\_totals" }

)

4.View the Result

db.course\_totals.find()

5.

{ "\_id": "BSc", "value": 165 }

{ "\_id": "BA", "value": 155 }