

14. In the students collection, compute the average marks for each student and subject. Group the data by student and subject, and return the average marks for each.

```
db.students.aggregate([
  {
    $group: {
      _id: {
        studentName: "$Name",
        subject: "$Subject"
      },
      averageMarks: { $avg: "$Marks" }
    }
  },
  {
    $project: {
      _id: 0,
      student: "$_id.studentName",
      subject: "$_id.subject",
      averageMarks: 1
    }
  },
  { $sort: { student: 1, subject: 1 } }
]);
```

```
schoolDB> db.students.aggregate([
...   {
...     $group: {
...       _id: {
...         studentName: "$Name",
...         subject: "$Subject"
...       },
...       averageMarks: { $avg: "$Marks" }
...     }
...   },
...   {
...     $project: {
...       _id: 0,
...       student: "$_id.studentName",
...       subject: "$_id.subject",
...       averageMarks: 1
...     }
...   },
...   { $sort: { student: 1, subject: 1 } }
... ]);
[
  { averageMarks: 80, student: 'Emily', subject: 'Science' },
  { averageMarks: 87.5, student: 'John', subject: 'Math' }
]
```