

11. In the students collection, group student marks by Name and Subject, and calculate the total marks and the number of entries for each subject per student.

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

```
schoolDB> db.students.aggregate([
...   {
...     $group: {
...       _id: {
...         student: "$Name",
...         subject: "$Subject"
...       },
...       totalMarks: { $sum: "$Marks" },
...       entryCount: { $sum: 1 }
...     },
...     {
...       $project: {
...         _id: 0,
...         student: "$_id.student",
...         subject: "$_id.subject",
...         totalMarks: 1,
...         entryCount: 1
...       }
...     },
...     { $sort: { student: 1, subject: 1 } }
...   ]
... ]);
[
  {
    totalMarks: 160,
    entryCount: 2,
    student: 'Emily',
    subject: 'Science'
  },
  { totalMarks: 175, entryCount: 2, student: 'John', subject: 'Math' }
]
```