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Lab 8 Activity – MongoDB

10. In the books collection, group the books by author_name and status (active/inactive) and
calculate the total number of books each author has written and the sum of price for the books.

```
db.books.aggregate([
  {
    $group: {
      _id: {
        author: "$author_name",
        status: "$status"
      },
      numberOfBooks: { $sum: 1 },
      totalPrice: { $sum: "$price" }
    }
  },
  {
    $project: {
      _id: 0,
      author: "$_id.author",
      status: "$_id.status",
      numberOfBooks: 1,
      totalPrice: 1
    }
  },
  { $sort: { author: 1 } }
]);
```