

```

test> use library;
switched to db library
library> db.books.insertMany([
...   { "title": "Book One", "author": "Author A", "pages": 200 },
...   { "title": "Book Two", "author": "Author B", "pages": 300 },
...   { "title": "Book Three", "author": "Author C", "pages": 150 },
...   { "title": "Book Four", "author": "Author D", "pages": 275 },
...   { "title": "Book Five", "author": "Author E", "pages": 220 }
...   // Add more documents as needed
... ]);
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('672ef99de9ec79521ec73bfb'),
    '1': ObjectId('672ef99de9ec79521ec73bfc'),
    '2': ObjectId('672ef99de9ec79521ec73bfd'),
    '3': ObjectId('672ef99de9ec79521ec73bfe'),
    '4': ObjectId('672ef99de9ec79521ec73bff')
  }
}

```

```

library> var mapFunction = function() {
...   var category = this.pages < 250 ? "Small" : "Big";
...   emit(category, 1);
... };

```

```

library> var reduceFunction = function(key, values) {
...   return Array.sum(values);
... };

```

```

library> db.books.mapReduce(
...   mapFunction,
...   reduceFunction,
...   {
...     out: "book_size_counts"
...   }
... );
{ result: 'book_size_counts', ok: 1 }
library> print("Book Size Counts:");
Book Size Counts:

```

```

library> db.book_size_counts.find().forEach(printjson);

```

```
{
  _id: 'Small',
  value: 3
}
{
  _id: 'Big',
  value: 2
}
```