{name: "Hyperion", author: "Dan Simmons", quantity: 53, year: 1989, genres: ["Space Opera", "Hard Science Fiction"]}

{name: "The terror", author: "Dan Simmons", quantity: 234, year: 2007, genres: ["Horror", "Mystics", "Realism"]}

{name: "Dune chronicles", author: "Frank Herbert", quantity: 23, year: 1965, genres: ["Planetary Fiction", "Soft Science Fiction", "Hard Science Fiction"]}

{name: "Firefall", author: "Peter Watts", quantity: 53, year: 2006, genres: ["Planetary Fiction", "Hard Science Fiction"]}

{name: "Farenheit 451", author: "Ray Bradbury", quantity: 53, year: 1953, genres: ["Distopia"]}

{name: "Flashback", author: "Dan Simmons", quantity: 53, year: 2011, genres: ["Distopia", "Soft Science Fiction", "Postapocalypse", "Detective"]}

{name: "The dark tower", author: "Stephen King", quantity: 53, year: 1982, genres: ["Heroic Fantasy", "Postapocalypse", "Soft Science Fiction"]}

{name: "The running man", author: "Stephen King", quantity: 53, year: 1982, genres: ["Distopia", "Detective", "Thriller"]}

{name: "Witcher", author: "Andrzej Sopkowsy", quantity: 53, year: 1993, genres: ["Heroic Fantasy"]}

{name: "Second variety", author: "Philipp Dick", quantity: 53, year: 1953, genres: ["Postapocalypse", "Soft Science Fiction", "Thriller" ]}

function map() {

var range;

if (1953 <= this.year && this.year < 1973) {

range = 1;

} else if (1983 <= this.year && this.year < 1993) {

range = 2;

} else {

range = 3;

}

var key = {

name = this.name,

range = this.range

};

emit(key, 1);

}

function reduce(key, values) {

var sum = 0;

for(var i in values) {

sum += values[i];

}

return sum;

}

function map() {

for(var i in this.genres[i]) {

emit(this.genres[i], this.quantity);

}

}

function reduce(key, values) {

var sum = 0;

for(var i in values) {

sum += values[i];

}

return sum;

}

function map() {

for(var i in this.genres[i]) {

var key = {

author = this.author,

genre = this.genres[i]

};

emit(key, 1);

}

}

function map() {

emit(this.author, {quantity: this.quantity, count: 1});

}

function reduce(key, values){

var sum = 0; var count = 0;

for(var i in values){

count += values[i].count; sum += values[i]. quantity;

}

return { quantity: sum, count: count}; }

function finalize(key, value) { return value. quantity/ value.count; }

1. Количество записей в диапазоне лет
2. Количество книг по жанрам
3. Количество книг по авторам
4. Жанры для каждого автора?