

```
use mydatabase
```

```
db.Bank.insertMany([  
  {  
    cust_id: 101,  
    cust_name: "Alice",  
    branch: "Downtown",  
    balance: 5000  
  },  
  {  
    cust_id: 102,  
    cust_name: "Bob",  
    branch: "Uptown",  
    balance: 3000  
  },  
  {  
    cust_id: 103,  
    cust_name: "Charlie",  
    branch: "Downtown",  
    balance: 15000  
  },  
  {  
    cust_id: 104,  
    cust_name: "David",  
    branch: "Midtown",  
    balance: 7000  
  },  
  {  
    cust_id: 105,  
    cust_name: "Eve",  
    branch: "Uptown",  
    balance: 10000  
  }  
])
```

```
db.Bank.find()
```

```
var mapFunction = function() {  
    emit(this.branch, this.balance); // emit branch as key, balance as value  
};
```

```
var reduceFunction = function(key, values) {  
    return Array.sum(values); // sum the balances for each branch  
};
```

```
// Perform the MapReduce operation
```

```
var result = db.Bank.mapReduce(  
    mapFunction,  
    reduceFunction,  
    { out: "branch_balance" } // Output collection to store the results  
);
```

```
// Display the results
```

```
db.branch_balance.find()
```

```
db.branch_balance.find()
```