

```
1. db.events.find({ participantActual : {$gt: 3}}).count()
```

```
//Counting documents for an specific user
```

```
2. db.Events.find({"organizer.organizerId":12}).count()
```

```
//one must contain a complex search criterion (more than one expression with logical connectors)
```

```
//find the events duringtime greater && equal than 10 , less and equal than 40
```

```
3. db.Events.find({$and:[{"duringTime" : { $gte : 10 }},{ "duringTime" : { $lte : 40 } }]}).count();
```

```
//one must be updating a document based on a query parameter
```

```
4. db.events.update({"participantVolume" : 30}, {$set: {"participantVolume": 33}}, {multi:true})
```

```
// one query must contain and aggregation
```

```
//group the events by orgainzers then sort by date
```

```
5. db.Events.aggregate([
  {
    $group: {
      _id: "$organizer.organizerId",
      screen_name : {
        $last : "$organizer.firstName"
      }
    }
  },
  {
    $sort: {
      "date": -1
    },
  },
  {
    $project : { screen_name : 1, _id : 0 }
  }
])
```