1. db.zips.aggregate([{$match: {state:"IA"}},{$project:{\_id:0,"Zip Code":"$\_id"}}])
2. db.zips.aggregate([{$group:{\_id:"$\_id",population:{$sum:"$pop"}}},{$match:{population:{$lt:1000}}},{$project:{\_id:0,"zip code":"$\_id",population:"$population"}}])
3. db.zips.aggregate([{$group:{\_id:{"city":"$city","zipc":{$sum:1},state:"$state"}}},{$sort:{"\_id.state":1,"\_id.city":1}},{$project:{\_id:0,state:"$\_id.state","city":"$\_id.city","ZipCount":"$\_id.zipc"}}])
4. db.zips.aggregate([{$group:{\_id:{state:"$state",city:"$city",pop:"$pop"}}},{$sort:{"\_id.pop":1}},{$group:{\_id:"$\_id.state",city:{$first:"$\_id.city"},pop:{$first:"$\_id.pop"}}}])