#1

db.collection.find({},

{

user\_id: 1,

firstName: 1,

lastname: 1,

\_id: 0

})

#2

db.collection.find({

firstName: "Grace"

},

{

email: 1,

password: 1,

\_id: 0

})

#4

{class\_id: 339, student\_id: {$lt: 100}}