db.doctors.insert(  
[  
{  
        "name" : "bean",  
        "doc\_id" :1,  
         "born":2000,          
        "age" : 19  
},  
{  
        "name" : "dean",  
         "doc\_id" :3,  
         "born":1999,          
        "age" : 20  
},  
{  
        "name" : "mean",  
          "doc\_id" :4,  
         "born":1998,          
        "age" : 21  
}  
]  
)  
  
  
  
db.doctors.find({"doc\_id":1}).pretty()  
  
select doc\_id from doctors()  
  
db.doctors.find({},{"doc\_id":1}).pretty()  
  
  
select doc\_id from doctors()  
  
db.doctors.find({},{\_id:0,"doc\_id":1}).pretty()  
  
  
db.doctors..find().pretty()  
  
db.doctors.findOne();  
  
  
select top 2 from doctors;  
  
db.doctors.find().limit(2).pretty();  
  
  
db.doctors.find().skip(2).pretty();  
  
  
  
db.doctors.find().sort({doc\_id:1}).pretty();  
  
  
db.doctors.find().sort({doc\_id:-1}).pretty();  
  
  
db.doctors.find().count();  
  
  
db.doctors.insert(  
{  
"name":"bean1",  
"born":"2010",  
"speciality":"ortho",  
"phone":["998877","221144"],  
"address":[  
  {  
"state":"kar",  
"city":"bij"  
},  
{  
"state":"maha",  
"city":"mum"  
}  
]  
}  
)  
  
  
db.studs.insert(  
[  
{  
rno:1,  
sname:'raj',  
gender:'male',  
sem:5,  
marks:90  
},  
  
{  
rno:2,  
sname:'raja',  
gender:'male',  
sem:5,  
marks:80  
},  
  
{  
rno:3,  
sname:'rajni',  
gender:'female',  
sem:7,  
marks:77  
},  
{  
rno:4,  
sname:'rajeshwari',  
gender:'female',  
sem:1,  
marks:88  
},  
{  
rno:4,  
sname:'rajeshwari',  
gender:'female',  
sem:1,  
marks:88  
},  
{  
rno:5,  
sname:'raja',  
gender:'male',  
sem:1,  
marks:70  
}  
]  
)  
  
  
db.studs.find().pretty()  
  
  
db.studs.aggregate( [ { $group : { \_id : "$gender" } } ] )  
  
  
db.studs.aggregate(  
{  
$group : { \_id : "$gender",  
tot:{$sum:1}  
}  
});  
  
  
db.studs.aggregate(  
{  
$group : { \_id : "$gender",  
tot:{$sum:"$marks"}  
}  
});  
  
  
  
db.studs.aggregate(  
{  
$group : { \_id : "$gender",  
avgOfStud:{$avg:"$marks"}  
}  
});  
  
  
  
db.studs.aggregate(  
{  
$group : { \_id : "$gender",  
highest:{$max:"$marks"}  
}  
});  
  
  
  
group by gender  
having max(marks) >=90  
  
db.studs.aggregate(  
[  
{  
$group :  
{  
\_id : "$gender",  
highest:{$max:"$marks"}  
}  
},  
{  
$match: { "highest": { $gte: 90}}  
}  
]  
);

db.studs.insert(  
[  
{  
rno:1,  
sname:'raj',  
gender:'male',  
sem:5,  
marks:90  
},  
  
{  
rno:2,  
sname:'raja',  
gender:'male',  
sem:5,  
marks:80  
},  
  
{  
rno:3,  
sname:'rajni',  
gender:'female',  
sem:7,  
marks:77  
},  
{  
rno:4,  
sname:'rajeshwari',  
gender:'female',  
sem:1,  
marks:88  
},  
{  
rno:4,  
sname:'rajeshwari',  
gender:'female',  
sem:1,  
marks:88  
},  
{  
rno:5,  
sname:'raja',  
gender:'male',  
sem:1,  
marks:70  
}  
]  
)  
  
  
select user name who has scored max marks in the table  
  
  
select user name who has scored max marks in the table  
based on gender  
  
  
group data by sem and disply  
highest marks from each group  
  
group data by sem and disply  
highest marks from each group  
having sem > 3 and marks > 80  
  
drop address filed from the player table

show collections  
  
db.createCollection("doctors")  
  
db.dotors.drop()  
  
db.doctors.insert(  
{  
"name":"dean",  
"born":"2000"  
}  
)  
  
db.doctors.find()  
  
db.doctors.find().pretty()  
  
  
db.doctors.insert(  
{  
"name":"dean",  
"born":"2010",  
"speciality":"ortho"  
}  
)  
  
  
db.doctors.find().pretty()  
  
db.doctors.insert(  
{  
"name":"bean",  
"born":"2003",  
"speciality":"ortho",  
"phone":["998877","221144"]  
}  
)  
  
db.doctors.find().pretty()  
  
db.doctors.find(  
{"born": "2000"}  
).pretty()  
  
  
  
db.doctors.find(  
{"speciality": "ortho"}  
).pretty()  
  
  
select \* from doctors where born > 2000  
  
db.doctors.find(  
{"born": {$gt :"2000"}}  
).pretty()  
  
  
  
  
db.doctors.find(  
{"born": {$lt :"2010"}}  
).pretty()  
  
db.doctors.find(  
{"born": {$lte :"2010"}}  
).pretty()  
  
  
  
db.doctors.find({born:{$ne:"2010"} }).pretty();  
  
  
db.doctors.find({born:{$nin:["2010","2000","2003"]} }).pretty();  
  
db.doctors.find({born:{$nin:["2000","2003"]} }).pretty();  
  
  
select \* from doctors where name='bean' and born='2003'  
  
db.doctors.find(  
{  
born:"2003",  
name:"bean"  
}  
);  
  
select \* from doctors where name='bean' or born='2010'  
  
db.doctors.find(  
{$or:[{born:"2010"},  
{"name":"bean"}]}  
).pretty();  
  
  
  
db.doctors.update(  
{ name:"bean"} ,  
 {$set:{name:"bean new"}}  
)  
  
db.doctor.find().pretty()  
  
  
db.doctors.update(  
{ name:"dean"} ,  
 {$set:{name:"dean new"}}  
)  
  
db.doctors.find().pretty()  
  
  
db.doctors.update(  
{ name:"dean"} ,  
 {$set:{name:"dean name"}}  
)  
  
  
  
db.doctors.find().pretty()  
  
  
db.doctors.update(  
{ name:"dean name"} ,  
 {$set:{name:"dean"}}  
)  
  
db.doctors.update(  
{ name:"dean"} ,  
 {$set:{name:"dean name"}},  
{multi:true}  
)  
  
  
  
  
db.doctors.find().pretty()  
  
  
  
db.doctors.update(  
{name:"bean new", } ,  
 {$set:{name:"bean",bron:"2002"}}  
)  
  
db.doctors.find().pretty()  
  
db.doctors.update(  
{name:"bean", } ,  
 {$unset:{bron:"2002"}}  
)  
  
  
  
db.doctors.find().pretty()  
  
  
db.doctors.update(  
{name:"bean", } ,  
 {$set:{name:"bean",born:"2002"}}  
)  
  
  
db.doctors.update(  
{name:"dean new", } ,  
 {$set:{name:"dean"}}  
)  
  
db.doctors.find().pretty()  
  
  
db.doctors.remove(  
{ name:"dean name"}  
)  
  
  
db.doctors.find().pretty()  
  
  
  
db.doctors.insert(  
[  
{name:"bean new"},  
{name:"bean new"}  
]  
)  
  
  
db.doctors.remove(  
{ name:"bean new"} ,1)  
  
  
db.doctors.find().pretty()  
  
  
db.doctors.remove(  
{ name:"bean"} ,1)  
  
  
db.doctors.remove(  
{ }  
)