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use dept;  
db.createCollection('teacher');  
db.teacher.insert({name:'a',dept:'cs',exp:10,sal:10000});  
db.teacher.insert({name:'b',dept:'it',exp:12,sal:20000});  
db.teacher.insert({name:'c',dept:'mech',exp:14,sal:30000});  
db.teacher.insert({name:'d',dept:'entc',exp:16,sal:40000});  
db.teacher.insert({name:'e',dept:'cs',exp:18,sal:50000});  
//db.teacher.aggregate([{$group:{\_id:'$dept',avg:{$avg:'$sal'}}}]);  
//db.teacher.aggregate([{$group:{\_id:'$dept',count:{$sum:1}}}]);  
//db.teacher.aggregate([{$group:{\_id:'$dept',min:{'$min':'$sal'}}}]);  
//db.teacher.createIndex({name:1});  
//db.teacher.getIndexes();  
db.teacher.dropIndex({name:1});  
//db.teacher.getIndexes();