MongoDB Assignment-2

```
Dusc population
suitched to do population
sphow collections

Ob.:ignocks:find()

(".id':"elseo:", "city:""sGAMAN", "loc":[-72.52738, 42.07826], "poo":15338, "state": "NA" }

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(".id':"elseo:", "city:"elseo:"[-72.887664, "loc:"[-72.887664, "lo
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             "pop" : 7667, "state" :
], "pop" : 2425, "state"
" : 1732, "state" : "MA"
{ ".id" : "01077", "city" : "SOUTHNICK", "loc" : [ -72.70500, -9]
{ ".id" : "01080", "city" : "THREE RIVERS", "loc" : [ -72.362352]
( ".id" : "01081", "city" : "WALES", "loc" : [ -72.264592, 42.06]
Type "it" for more
> db.movies.find({$and:[{"city":"ATLANTA"}, {"state":"GA"}]})
> db.zipcodes.find({$and:[{"city":"ATLANTA"}, {"state":"GA"}]})
{ ".id" : "30303", "city" : "ATLANTA", "loc" : [ -84.388846, 33.4]
( ".id" : "30305", "city" : "ATLANTA", "loc" : [ -84.385145, 33.4]
( ".id" : "30306", "city" : "ATLANTA", "loc" : [ -84.355145, 33.4]
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( ".id" : "30310", "city" : "ATLANTA", "loc" : [ -84.378125, 33.7]
( ".id" : "30311", "city" : "ATLANTA", "loc" : [ -84.476219, 33.4]
( ".id" : "30311", "city" : "ATLANTA", "loc" : [ -84.476219, 33.4]
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( ".id" : "30313", "city" : "ATLANTA", "loc" : [ -84.35857, 33.7]
( ".id" : "30313", "city" : "ATLANTA", "loc" : [ -84.35871, 33.4]
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( ".id" : "30313", "city" : "ATLANTA", "loc" : [ -84.353913, 33.4]
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( ".id" : "30318", "city" : "ATLANTA", "loc" : [ -84.35991, 33.7]
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( ".id" : "30326", "city" : "ATLANTA", "loc" : [ -84.35996, 33.7]
( ".id" : "30326", "city" : "ATLAN
                          _
id"
                                                                                                                                                                                                                                                                                                                                                       [ -84.388846, 33.752504 ],
[ -84.385145, 33.831963 ],
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ], "pop" : 1845, "state" : "GA" }
], "pop" : 19122, "state" : "GA"
], "pop" : 20081, "state" : "GA"
], "pop" : 16330, "state" : "GA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20081,
                                                                                                                                                                                                                                                                                                                                                                  -84.351418, 33.786027
-84.335957, 33.769138
-84.375744, 33.771839
-84.388338, 33.798407
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              "GA" }
"GA"
"GA"
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14766,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   "state" :
"state"
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: 34017, "state":

: 34880, "state":

: 17683, "state":

:8038, "state": "GA

: 26649, "state":

: 41061, "state":

: 16395, "state":

: 53894, "state":

: 52138, "state":
                                                                                                                                                                                                                                                                                                                                                                      -84.423173, 33.727849
-84.470219, 33.722957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "pop"
                                                                                                                                                                                                                                                                                                                                                                -84.470219, 33.722957 ],
-84.378125, 33.746749 ],
-84.39352, 33.746749 ],
-84.39352, 33.756103 ],
-84.380771, 33.705062 ],
-84.33913, 33.721686 ],
-84.31685, 33.749788 ],
-84.4354867, 33.868728 ],
-84.358091, 33.868728 ],
-84.358232, 33.848168 ],
-84.358232, 33.848168 ],
-84.43966 33.862733 ]
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], "pop"
, "pop"
], "pop"
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"GA'
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32138, "state" : "GA"
15044, "state" : "GA"
125, "state" : "GA"
18467, "state" : "GA"
17013, "state" : "GA"
                                                                                                                                                                                                                                                                                                                                                                  -84.354867, 33.820609 ],
-84.358232, 33.848168 ],
-84.419966, 33.862723 ],
-84.321402, 33.823555 ],
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "pop"
                  .
db.zipcodes.aggregate{[{$match:{$and:[{"city":"ATLANTA"},{"state":"GA"}]}}])
             ncaught exception: SyntaxError: unexpected token: '{':
           (shell):1:21

db.zipcodes.aggregate([{$match:{$and:[{"city":"ATLANTA"},{"state":"GA"}]}}])

"_id" : "30303", "city" : "ATLANTA", "loc" : [ -84.388346, 33.752504] , "pop"

"_id" : "303065", "city" : "ATLANTA", "loc" : [ -84.385145, 33.831963], "pop"

"_id" : "30306", "city" : "ATLANTA", "loc" : [ -84.35145, 33.3831963], "pop"

"_id" : "30308", "city" : "ATLANTA", "loc" : [ -84.355957, 33.765128], "pop"

"_id" : "30308", "city" : "ATLANTA", "loc" : [ -84.353957, 33.77839], "pop"

"_id" : "30309", "city" : "ATLANTA", "loc" : [ -84.38338, 33.798407], "pop"

"_id" : "30310", "city" : "ATLANTA", "loc" : [ -84.423173, 33.727849], "pop"

"_id" : "30311", "city" : "ATLANTA", "loc" : [ -84.478219, 33.727849], "pop"

"_id" : "30312", "city" : "ATLANTA", "loc" : [ -84.378125, 33.746749], "pop"

"_id" : "30313", "city" : "ATLANTA", "loc" : [ -84.378125, 33.76525], "pop"

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"_id" : "30315", "city" : "ATLANTA", "loc" : [ -84.339313, 33.721686], "pop"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1845, "state" : "GA"
19122, "state" : "GA"
20081, "state" : "GA"
16330, "state" : "GA"
8549, "state" : "GA"
14766, "state" : "GA"
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"GA"
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: 34017, "state"

: 34880, "state"

: 17683, "state"

: 26649, "state"

: 41061, "state"
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], "pop"
], "pop"
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"GA'
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16395. "state"
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```

```
-84.31685, 33.749788 ], "pop" : 48.434542, 33.786454 ], "pop" -84.335991, 33.868728 ], "pop" -84.534867, 33.820609 ], "pop" -84.558232, 33.848168 ], "pop" -84.419966, 33.862723 ], "pop" -84.321402, 33.823555 ], "pop"
                                                          "ATLANTA", "loc"
"ATLANTA", "loc"
"ATLANTA", "loc"
"ATLANTA", "loc"
"ATLANTA", "loc"
"ATLANTA", "loc"
                   "30318", "city"
"30318", "city"
"30329", "city"
"30326", "city"
"30327", "city"
"30327", "city"
                                                                                                                                                                                53894,
32138,
                                                                                                                                                                                                                       "GA"
"GA"
   "_id"
                                                                                                                                                                                                "state"
                                                                                                                                                                               15044, "state"
125, "state"
18467, "state"
   "_id" :
"_id" :
                                                                                                                                                                                                                  : "GA" }
"GA" }
: "GA" }
                                                                                                                                                                                                "state"
  "_id" :
"_id" :
                                                                                                                                                                                                 "state"
          d": 30327, city
d": "30329", "city"
"it" for more
"state"
                                                            "ATLANTA",
   db.zipcodes.aggregate([{$group:{_id:"$state",population:{$sum:"$pop"}}},{$sort:{population:-1}}])
"_id" : "CA", "population" : 29754890 }
"_id" : "NY", "population" : 17990402 }
                   "CA", "population" : 29754890
"NY", "population" : 17990402
"TX", "population" : 16984601
"FL", "population" : 12686644
      id"
   "_id"
"_id"
"_id"
                                  "population" : 11881643
"population" : 11427576
                    "PA",
"IL",
      _id"
                    "OH",
                                  "population" : 10846517
                                  "population"
"population"
                                                                 9295297
      id"
                     "NJ",
                                                                  7730188
6628637
```

```
{    __dd' : { 'city' : "MAMES", "state" : "ME" ), "aygopulation" : 1327 )
    (__dd' : { 'city' : "FAR ROSON 'VILLGE", "state" : "ME" ), "aygopulation" : 193 }
    (__dd' : { 'city' : "FAR ROSON, "state" : "ME" ), "aygopulation" : 60 }
    (__dd' : { 'city' : "FOR ROM, "state" : "MT' ), "aygopulation" : 1961 )
    (_dd' : { 'city' : "ROR ROM, "state" : "MD' ), "aygopulation" : 296 }
    (_dd' : { 'city' : "ROR ROM, "state" : "MD' ), "aygopulation" : 380 }
    (_dd' : { 'city' : "ROR ROM, "state" : "MD' ), "aygopulation" : 380 }
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    (_dd' : { 'city' : "CORRONG, "state" : "MD' ), "aygopulation" : 388 }
    (_dd' : { 'city' : "LOWEDNER, "state" : "MD' ), "aygopulation" : 582 }
    (_dd' : { 'city' : "RORONG, "state" : "MD' ), "aygopulation" : 672 }
    (_dd' : { 'city' : "MULTONG, "state" : "MD' ), "aygopulation" : 587 }
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    (_dd' : { 'city' : "ROBOCH, "state" : "MD' ), "aygopulation" : 598 }
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    (_dd' : { 'city' : "ROBOCH, "state" : "MD' ), "aygopulation" : 598 }
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    (_dd' : { 'city' : "MD' : "MD'
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