```
Exe B Lab assi 1

------------------------------------------------------------------------

Create database Company
> use Company
switched to db Company


------------------------------------------------------------------------
Create collection Customer.
> db.createCollection("Customer")
{ "ok" : 1 }


------------------------------------------------------------------------
Insert 10 documents
> db.Customer.insert({
... firstName:"James",lastName:"Smith",age:20,
... Address:{streetAddress:"777 Brockton
Avenue",city:"Abington",state:"MA",postalCode:2351},
... phoneNumber:[{type:"home",number:4661632082},{type:"fax",number:2899829351}],
... emailAddress:["jamesS@gamil.com","SJames@gmail.com"]
... });
WriteResult({ "nInserted" : 1 })
>
>
> db.Customer.find().pretty()
{
        "_id" : ObjectId("60bb5b6bd5ec118047011dd3"),
        "firstName" : "James",
        "lastName" : "Smith",
        "age" : 20,
        "Address" : {
                "streetAddress" : "777 Brockton Avenue",
                "city" : "Abington",
                "state" : "MA",
                "postalCode" : 2351
        },
        "phoneNumber" : [
                {
                        "type" : "home",
                        "number" : 4661632082
                },
                {
                        "type" : "fax",
                        "number" : 2899829351
                }
        ],
        "emailAddress" : [
                "jamesS@gamil.com",
                "SJames@gmail.com"
        ]
}
>
>
>
> db.Customer.insertMany([
... {firstName:"Michael",lastName:"Smith",age:21,
... Address:{streetAddress:"279 Troy Road",city:"East
Greenbush",state:"NY",postalCode:12061},
... phoneNumber:[{type:"home",number:9808191199},{type:"fax",number:7797374941}],
... emailAddress:["MichS@gamil.com","SMich@gmail.com"]},
... {firstName:"Robert",lastName:"Smith",age:22,
... Address:{streetAddress:"1400 Farmington
Ave",city:"Bristol",state:"CT",postalCode:6010},
... phoneNumber:[{type:"home",number:1761266808},{type:"fax",number:9841911399}],
... emailAddress:["Robert@gamil.com","SRob@gmail.com"]},
... {firstName:"Maria",lastName:"Garcia",age:22,
... Address:{streetAddress:"515 Sawmill Road",city:"West
Haven",state:"CT",postalCode:6516},
```

```
66    ... phoneNumber:[{type:"home",number:8215484894},{type:"fax",number:6754261777}],
67    ... emailAddress:["MariaG@gamil.com","GMaria@gmail.com"]},
68    ... {firstName:"David",lastName:"Smith",age:21,
69    ... Address:{streetAddress:"30 Memorial Drive",city:"Avon",state:"MA",postalCode:2322},
70    ... phoneNumber:[{type:"home",number:1508518145},{type:"fax",number:6778131732}],
71    ... emailAddress:["David@gamil.com","SDavid@gmail.com"]},
72    ... {firstName:"Maria",lastName:"Rodriguez",age:20,
73    ... Address:{streetAddress:"100 Thruway
      Plaza",city:"Cheektowaga",state:"NY",postalCode:14225},
74    ... phoneNumber:[{type:"home",number:2870577148},{type:"fax",number:1700918899}],
75    ... emailAddress:["MariaR@gamil.com","RMaria@gmail.com"]},
76    ... {firstName:"Mary",lastName:"Smith",age:22,
77    ... Address:{streetAddress:"180 River Rd",city:"Lisbon",state:"CT",postalCode:6351},
78    ... phoneNumber:[{type:"home",number:9806068527},{type:"fax",number:3219935317}],
79    ... emailAddress:["Mary@gamil.com","SMary@gmail.com"]},
80    ... {firstName:"Maria",lastName:"Hernandez",age:21,
81    ... Address:{streetAddress:"540 West
      Bypass",city:"Andalusia",state:"AL",postalCode:36420},
82    ... phoneNumber:[{type:"home",number:7655200366},{type:"fax",number:0481572451}],
83    ... emailAddress:["MariaH@gamil.com","HMaria@gmail.com"]},
84    ... {firstName:"Lilly",lastName:"Martinez",age:22,
85    ... Address:{streetAddress:"591 Memorial Dr",city:"Chicopee",state:"MA",postalCode:1020},
86    ... phoneNumber:[{type:"home",number:1723748378},{type:"fax",number:3294228998 }],
87    ... emailAddress:["Lilly@gamil.com","MLilly@gmail.com"]},
88    ... {firstName:"James",lastName:"Johnson",age:20,
89    ... Address:{streetAddress:"30 Catskill",city:"Catskill",state:"NY",postalCode:12414},
90    ... phoneNumber:[{type:"home",number:8602583403},{type:"fax",number:2270838423}],
91    ... emailAddress:["JJames@gamil.com","JohnJames@gmail.com"]},
92    ... {firstName:"Kamilah",lastName:"Earhart",age:32,
93    ... Address:{streetAddress:"297 Grant Avenue",city:"Auburn",state:"NY",postalCode:13021},
94    ... phoneNumber:[{type:"home",number:7360386487},{type:"fax",number:8330942524}],
95    ... emailAddress:["Kamilah@gamil.com","EKamlish@gmail.com","KamilahEar@gmail,com"]},
96    ... {firstName:"Alise",lastName:"Pickrell",age:29,
97    ... Address:{streetAddress:"4133 Veterans
      Memorial",city:"Batavia",state:"NY",postalCode:14020},
98    ...
      phoneNumber:[{type:"home",number:8564397599},{type:"fax",number:5426189495},{type:"Mobile
      ",number:3314579129}],
99    ... emailAddress:["AliseP@gamil.com","PAlise@gmail.com"]},
100   ... {firstName:"Leticia",lastName:"Wrobel",age:33,
101   ... Address:{streetAddress:"337 Russell St",city:"Hadley",state:"MA",postalCode:1035},
102   ...
      phoneNumber:[{type:"home",number:1659846658},{type:"fax",number:3502899930},{type:"Mobile
      ",number:8437087134}],
103   ... emailAddress:["Leticia@gamil.com","WLeticia@gmail.com","WrobelL@gmail,com"]},
104   ... {firstName:"Caridad",lastName:"Kendall",age:34,
105   ... Address:{streetAddress:"6265
      Brockport",city:"Brockport",state:"NY",postalCode:14420},
106   ... phoneNumber:[{type:"home",number:8602583403},{type:"fax",number:4326828684}],
107   ... emailAddress:["Caridad@gamil.com","CaridadK@gmail.com"]},
108   ... {firstName:"Michele",lastName:"Gault",age:36,
109   ... Address:{streetAddress:"5399 W Genesse
      St",city:"Camillus",state:"NY",postalCode:13031},
110   ...
      phoneNumber:[{type:"home",number:6125582162},{type:"fax",number:0935992552},{type:"Mobile
      ",number:0395710776}],
111   ... emailAddress:["MichaelG@gamil.com","GMichele@gmail.com","GaultM@gmail,com"]},
112   ... {firstName:"Azalee",lastName:"Racey",age:31,
113   ... Address:{streetAddress:"3191 County rd
      10",city:"Canandaigua",state:"NY",postalCode:14424},
114   ...
      phoneNumber:[{type:"home",number:8268801323},{type:"fax",number:9568588641},{type:"Mobile
      ",number:7806366159}],
115   ... emailAddress:["AzaleeR@gamil.com","RAzalee@gmail.com"]},
116   ... {firstName:"Kathlyn",lastName:"Hackenberg",age:31,
117   ... Address:{streetAddress:"20 Soojian Dr",city:"Leicester",state:"MA",postalCode:1524},
118   ... phoneNumber:[{type:"home",number:4131667434},{type:"fax",number:4051166104}],
119   ... emailAddress:["Kathlyn@gamil.com","HKathlyn@gmail.com"]},
120   ... {firstName:"Edie",lastName:"Burstein",age:38,
```

```
121    ... Address:{streetAddress:"30 Catskill",city:"Catskill",state:"NY",postalCode:12414},
122    ... phoneNumber:[{type:"home",number:2601886547},{type:"fax",number:2999933858}],
123    ... emailAddress:["Edie@gamil.com","BEdie@gmail.com","BursteinE@gmail,com"]},
124    ... {firstName:"Will",lastName:"Strout",age:36,
125    ... Address:{streetAddress:"11 Jungle
       Road",city:"Leominster",state:"MA",postalCode:1453},
126    ...
       phoneNumber:[{type:"home",number:0976463661},{type:"fax",number:8685337904},{type:"Mobile
       ",number:9809039510}],
127    ... emailAddress:["Will@gamil.com","SWill@gmail.com"]},
128    ... {firstName:"Cesar",lastName:"Bannon",age:34,
129    ... Address:{streetAddress:"161 Centereach
       Mall",city:"Centereach",state:"NY",postalCode:11720},
130    ...
       phoneNumber:[{type:"home",number:8803053048},{type:"fax",number:8337163141},{type:"Mobile
       ",number:9735653616}],
131    ... emailAddress:["Cesar@gamil.com","BCesar@gmail.com"]},
132    ... {firstName:"Hanna",lastName:"Voliva",age:30,
133    ... Address:{streetAddress:"780 Lynnway",city:"Lynn",state:"MA",postalCode:1905},
134    ... phoneNumber:[{type:"home",number:4041954879},{type:"fax",number:2490539545}],
135    ... emailAddress:["Hanna@gamil.com","VHanna@gmail.com","VolivaHanna@gmail,com"]},
136    ... {firstName:"Yuonne",lastName:"Gingerich",age:22,
137    ... Address:{streetAddress:"3018 East Ave",city:"Central
       Square",state:"NY",postalCode:13036},
138    ...
       phoneNumber:[{type:"home",number:2990731778},{type:"fax",number:4631531140},{type:"Mobile
       ",number:8829936546}],
139    ... emailAddress:["Yuonne@gamil.com","GYuonne@gmail.com"]},
140    ... {firstName:"Jackie",lastName:"Wolfenbarger",age:22,
141    ... Address:{streetAddress:"100 Thruway
       Plaza",city:"Cheektowaga",state:"NY",postalCode:14225},
142    ... phoneNumber:[{type:"home",number:6822716568},{type:"fax",number:7965807774}],
143    ... emailAddress:["Jackie@gamil.com","WJackie@gmail.com"]},
144    ... ]);
145    {
146            "acknowledged" : true,
147            "insertedIds" : [
148                    ObjectId("60bb5b87d5ec118047011dd4"),
149                    ObjectId("60bb5b87d5ec118047011dd5"),
150                    ObjectId("60bb5b87d5ec118047011dd6"),
151                    ObjectId("60bb5b87d5ec118047011dd7"),
152                    ObjectId("60bb5b87d5ec118047011dd8"),
153                    ObjectId("60bb5b87d5ec118047011dd9"),
154                    ObjectId("60bb5b87d5ec118047011dda"),
155                    ObjectId("60bb5b87d5ec118047011ddb"),
156                    ObjectId("60bb5b87d5ec118047011ddc"),
157                    ObjectId("60bb5b87d5ec118047011ddd"),
158                    ObjectId("60bb5b87d5ec118047011dde"),
159                    ObjectId("60bb5b87d5ec118047011ddf"),
160                    ObjectId("60bb5b87d5ec118047011de0"),
161                    ObjectId("60bb5b87d5ec118047011de1"),
162                    ObjectId("60bb5b87d5ec118047011de2"),
163                    ObjectId("60bb5b87d5ec118047011de3"),
164                    ObjectId("60bb5b87d5ec118047011de4"),
165                    ObjectId("60bb5b87d5ec118047011de5"),
166                    ObjectId("60bb5b87d5ec118047011de6"),
167                    ObjectId("60bb5b87d5ec118047011de7"),
168                    ObjectId("60bb5b87d5ec118047011de8"),
169                    ObjectId("60bb5b87d5ec118047011de9")
170            ]
171    }
172    >
173    >
174    >
175    > db.Customer.find({lastName:"Smith"}).pretty().limit(1)
176    {
177            "_id" : ObjectId("60bb5b6bd5ec118047011dd3"),
178            "firstName" : "James",
179            "lastName" : "Smith",
```

```
180              "age" : 20,
181              "Address" : {
182                      "streetAddress" : "777 Brockton Avenue",
183                      "city" : "Abington",
184                      "state" : "MA",
185                      "postalCode" : 2351
186              },
187              "phoneNumber" : [
188                      {
189                              "type" : "home",
190                              "number" : 4661632082
191                      },
192                      {
193                              "type" : "fax",
194                              "number" : 2899829351
195                      }
196              ],
197              "emailAddress" : [
198                      "jamesS@gamil.com",
199                      "SJames@gmail.com"
200              ]
201  }
202
203  ------------------------------------------------------------------------
204  Increment Age by 2
205  > db.Customer.update({lastName:"Smith"},{$inc:{age:2}});
206  WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
207  >
208  > db.Customer.find({lastName:"Smith"}).pretty().limit(1)
209  {
210          "_id" : ObjectId("60bb5b6bd5ec118047011dd3"),
211          "firstName" : "James",
212          "lastName" : "Smith",
213          "age" : 22,
214          "Address" : {
215                  "streetAddress" : "777 Brockton Avenue",
216                  "city" : "Abington",
217                  "state" : "MA",
218                  "postalCode" : 2351
219          },
220          "phoneNumber" : [
221                  {
222                          "type" : "home",
223                          "number" : 4661632082
224                  },
225                  {
226                          "type" : "fax",
227                          "number" : 2899829351
228                  }
229          ],
230          "emailAddress" : [
231                  "jamesS@gamil.com",
232                  "SJames@gmail.com"
233          ]
234  }
235
236
237  ------------------------------------------------------------------------
238  Push emailAddress
239  > db.Customer.find({firstName:"Lilly"}).pretty().limit(1)
240  {
241          "_id" : ObjectId("60bb5b87d5ec118047011ddb"),
242          "firstName" : "Lilly",
243          "lastName" : "Martinez",
244          "age" : 22,
245          "Address" : {
246                  "streetAddress" : "591 Memorial Dr",
247                  "city" : "Chicopee",
248                  "state" : "MA",
```

```
249                         "postalCode" : 1020
250             },
251             "phoneNumber" : [
252                     {
253                             "type" : "home",
254                             "number" : 1723748378
255                     },
256                     {
257                             "type" : "fax",
258                             "number" : 3294228998
259                     }
260             ],
261             "emailAddress" : [
262                     "Lilly@gamil.com",
263                     "MLilly@gmail.com"
264             ]
265     }
266     >
        db.Customer.update({firstName:"Lilly"},{$push:{emailAddress:{$each:["LillyM@gmail.com"]}
267     ...
268     ... ^C
269
270     >
        db.Customer.update({firstName:"Lilly"},{$push:{emailAddress:{$each:["LillyM@gmail.com"]}}
        })
271     WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
272     >
273     > db.Customer.find({firstName:"Lilly"}).pretty().limit(1)
274     {
275             "_id" : ObjectId("60bb5b87d5ec118047011ddb"),
276             "firstName" : "Lilly",
277             "lastName" : "Martinez",
278             "age" : 22,
279             "Address" : {
280                     "streetAddress" : "591 Memorial Dr",
281                     "city" : "Chicopee",
282                     "state" : "MA",
283                     "postalCode" : 1020
284             },
285             "phoneNumber" : [
286                     {
287                             "type" : "home",
288                             "number" : 1723748378
289                     },
290                     {
291                             "type" : "fax",
292                             "number" : 3294228998
293                     }
294             ],
295             "emailAddress" : [
296                     "Lilly@gamil.com",
297                     "MLilly@gmail.com",
298                     "LillyM@gmail.com"
299             ]
300     }
301
302
303     ----------------------------------------------------------------------
304     pop emailAddress
305     > db.Customer.find({firstName:"James"}).pretty().limit(1)
306     {
307             "_id" : ObjectId("60bb5b6bd5ec118047011dd3"),
308             "firstName" : "James",
309             "lastName" : "Smith",
310             "age" : 22,
311             "Address" : {
312                     "streetAddress" : "777 Brockton Avenue",
313                     "city" : "Abington",
314                     "state" : "MA",
```

```
315                    "postalCode" : 2351
316            },
317            "phoneNumber" : [
318                    {
319                            "type" : "home",
320                            "number" : 4661632082
321                    },
322                    {
323                            "type" : "fax",
324                            "number" : 2899829351
325                    }
326            ],
327            "emailAddress" : [
328                    "jamesS@gamil.com",
329                    "SJames@gmail.com"
330            ]
331    }
332    > db.Customer.update({firstName:"James"},{$pop:{emailAddress:-1}})
333    WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
334    > db.Customer.find({firstName:"James"}).pretty().limit(1)
335    {
336            "_id" : ObjectId("60bb5b6bd5ec118047011dd3"),
337            "firstName" : "James",
338            "lastName" : "Smith",
339            "age" : 22,
340            "Address" : {
341                    "streetAddress" : "777 Brockton Avenue",
342                    "city" : "Abington",
343                    "state" : "MA",
344                    "postalCode" : 2351
345            },
346            "phoneNumber" : [
347                    {
348                            "type" : "home",
349                            "number" : 4661632082
350                    },
351                    {
352                            "type" : "fax",
353                            "number" : 2899829351
354                    }
355            ],
356            "emailAddress" : [
357                    "SJames@gmail.com"
358            ]
359    }
360
361
362    ------------------------------------------------------------------------
363    Update record
364    > db.Customer.find({lastName:"Hernandez"}).pretty().limit(1)
365    {
366            "_id" : ObjectId("60bb5b87d5ec118047011dda"),
367            "firstName" : "Maria",
368            "lastName" : "Hernandez",
369            "age" : 21,
370            "Address" : {
371                    "streetAddress" : "540 West Bypass",
372                    "city" : "Andalusia",
373                    "state" : "AL",
374                    "postalCode" : 36420
375            },
376            "phoneNumber" : [
377                    {
378                            "type" : "home",
379                            "number" : 7655200366
380                    },
381                    {
382                            "type" : "fax",
383                            "number" : 481572451
```

```
            }
    ],
    "emailAddress" : [
            "MariaH@gamil.com",
            "HMaria@gmail.com"
    ]
}
> db.Customer.update({lastName:"Hernandez"},{$set:{Address:{state:"CT",Pincode:4123}}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Customer.find({lastName:"Hernandez"}).pretty().limit(1)
{
    "_id" : ObjectId("60bb5b87d5ec118047011dda"),
    "firstName" : "Maria",
    "lastName" : "Hernandez",
    "age" : 21,
    "Address" : {
            "state" : "CT",
            "Pincode" : 4123
    },
    "phoneNumber" : [
            {
                    "type" : "home",
                    "number" : 7655200366
            },
            {
                    "type" : "fax",
                    "number" : 481572451
            }
    ],
    "emailAddress" : [
            "MariaH@gamil.com",
            "HMaria@gmail.com"
    ]
}
>
>
>
>
>
> db.Customer.find({lastName:"Smith"}).pretty().limit(1)
{
    "_id" : ObjectId("60bb5b6bd5ec118047011dd3"),
    "firstName" : "James",
    "lastName" : "Smith",
    "age" : 22,
    "Address" : {
            "streetAddress" : "777 Brockton Avenue",
            "city" : "Abington",
            "state" : "MA",
            "postalCode" : 2351
    },
    "phoneNumber" : [
            {
                    "type" : "home",
                    "number" : 4661632082
            },
            {
                    "type" : "fax",
                    "number" : 2899829351
            }
    ],
    "emailAddress" : [
            "SJames@gmail.com"
    ]
}
> db.Customer.update({lastName:"Smith"},{$set:{age:23}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Customer.find({lastName:"Smith"}).pretty().limit(1)
{
```

```
453              "_id" : ObjectId("60bb5b6bd5ec118047011dd3"),
454              "firstName" : "James",
455              "lastName" : "Smith",
456              "age" : 23,
457              "Address" : {
458                      "streetAddress" : "777 Brockton Avenue",
459                      "city" : "Abington",
460                      "state" : "MA",
461                      "postalCode" : 2351
462              },
463              "phoneNumber" : [
464                      {
465                              "type" : "home",
466                              "number" : 4661632082
467                      },
468                      {
469                              "type" : "fax",
470                              "number" : 2899829351
471                      }
472              ],
473              "emailAddress" : [
474                      "SJames@gmail.com"
475              ]
476      }
477
478
479      ----------------------------------------------------------------------
480
481      Update with upsert
482
483      > db.Customer.find({firstName:"Vasu"}).pretty().limit(1)
484      >
485      > db.Customer.update({firstName:"Vasu"},{$set:{lastName:"Kalariya"}},{upsert:true})
486      WriteResult({
487              "nMatched" : 0,
488              "nUpserted" : 1,
489              "nModified" : 0,
490              "_id" : ObjectId("60bb5d9af5322caf711ed97f")
491      })
492      >
493      > db.Customer.find({firstName:"Vasu"}).pretty().limit(1)
494      {
495              "_id" : ObjectId("60bb5d9af5322caf711ed97f"),
496              "firstName" : "Vasu",
497              "lastName" : "Kalariya"
498      }
499      >
500      >
501      >
502      >
503      >
504      > db.Customer.remove({firstName:"James"})
505      WriteResult({ "nRemoved" : 2 })
506      >
507      > db.Customer.find({firstName:"James"}).pretty()
508      >
509      >
510      > db.Customer.find({"age":{$gte:22}})
511      { "_id" : ObjectId("60bb5b87d5ec118047011dd5"), "firstName" : "Robert", "lastName" :
         "Smith", "age" : 22, "Address" : { "streetAddress" : "1400 Farmington Ave", "city" :
         "Bristol", "state" : "CT", "postalCode" : 6010 }, "phoneNumber" : [ { "type" : "home",
         "number" : 1761266808 }, { "type" : "fax", "number" : 9841911399 } ], "emailAddress" :
         [ "Robert@gamil.com", "SRob@gmail.com" ] }
512      { "_id" : ObjectId("60bb5b87d5ec118047011dd6"), "firstName" : "Maria", "lastName" :
         "Garcia", "age" : 22, "Address" : { "streetAddress" : "515 Sawmill Road", "city" :
         "West Haven", "state" : "CT", "postalCode" : 6516 }, "phoneNumber" : [ { "type" :
         "home", "number" : 8215484894 }, { "type" : "fax", "number" : 6754261777 } ],
         "emailAddress" : [ "MariaG@gamil.com", "GMaria@gmail.com" ] }
513      { "_id" : ObjectId("60bb5b87d5ec118047011dd9"), "firstName" : "Mary", "lastName" :
```

"Smith", "age" : 22, "Address" : { "streetAddress" : "180 River Rd", "city" : "Lisbon", "state" : "CT", "postalCode" : 6351 }, "phoneNumber" : [{ "type" : "home", "number" : 9806068527 }, { "type" : "fax", "number" : 3219935317 }], "emailAddress" : ["Mary@gamil.com", "SMary@gmail.com"] }

514 { "_id" : ObjectId("60bb5b87d5ec118047011ddb"), "firstName" : "Lilly", "lastName" : "Martinez", "age" : 22, "Address" : { "streetAddress" : "591 Memorial Dr", "city" : "Chicopee", "state" : "MA", "postalCode" : 1020 }, "phoneNumber" : [{ "type" : "home", "number" : 1723748378 }, { "type" : "fax", "number" : 3294228998 }], "emailAddress" : ["Lilly@gamil.com", "MLilly@gmail.com", "LillyM@gmail.com"] }

515 { "_id" : ObjectId("60bb5b87d5ec118047011ddd"), "firstName" : "Kamilah", "lastName" : "Earhart", "age" : 32, "Address" : { "streetAddress" : "297 Grant Avenue", "city" : "Auburn", "state" : "NY", "postalCode" : 13021 }, "phoneNumber" : [{ "type" : "home", "number" : 7360386487 }, { "type" : "fax", "number" : 8330942524 }], "emailAddress" : ["Kamilah@gamil.com", "EKamlish@gmail.com", "KamilahEar@gmail,com"] }

516 { "_id" : ObjectId("60bb5b87d5ec118047011dde"), "firstName" : "Alise", "lastName" : "Pickrell", "age" : 29, "Address" : { "streetAddress" : "4133 Veterans Memorial", "city" : "Batavia", "state" : "NY", "postalCode" : 14020 }, "phoneNumber" : [{ "type" : "home", "number" : 8564397599 }, { "type" : "fax", "number" : 5426189495 }, { "type" : "Mobile", "number" : 3314579129 }], "emailAddress" : ["AliseP@gamil.com", "PAlise@gmail.com"] }

517 { "_id" : ObjectId("60bb5b87d5ec118047011ddf"), "firstName" : "Leticia", "lastName" : "Wrobel", "age" : 33, "Address" : { "streetAddress" : "337 Russell St", "city" : "Hadley", "state" : "MA", "postalCode" : 1035 }, "phoneNumber" : [{ "type" : "home", "number" : 1659846658 }, { "type" : "fax", "number" : 3502899930 }, { "type" : "Mobile", "number" : 8437087134 }], "emailAddress" : ["Leticia@gamil.com", "WLeticia@gmail.com", "WrobelL@gmail,com"] }

518 { "_id" : ObjectId("60bb5b87d5ec118047011de0"), "firstName" : "Caridad", "lastName" : "Kendall", "age" : 34, "Address" : { "streetAddress" : "6265 Brockport", "city" : "Brockport", "state" : "NY", "postalCode" : 14420 }, "phoneNumber" : [{ "type" : "home", "number" : 8602583403 }, { "type" : "fax", "number" : 4326828684 }], "emailAddress" : ["Caridad@gamil.com", "CaridadK@gmail.com"] }

519 { "_id" : ObjectId("60bb5b87d5ec118047011de1"), "firstName" : "Michele", "lastName" : "Gault", "age" : 36, "Address" : { "streetAddress" : "5399 W Genesse St", "city" : "Camillus", "state" : "NY", "postalCode" : 13031 }, "phoneNumber" : [{ "type" : "home", "number" : 6125582162 }, { "type" : "fax", "number" : 935992552 }, { "type" : "Mobile", "number" : 395710776 }], "emailAddress" : ["MichaelG@gamil.com", "GMichele@gmail.com", "GaultM@gmail,com"] }

520 { "_id" : ObjectId("60bb5b87d5ec118047011de2"), "firstName" : "Azalee", "lastName" : "Racey", "age" : 31, "Address" : { "streetAddress" : "3191 County rd 10", "city" : "Canandaigua", "state" : "NY", "postalCode" : 14424 }, "phoneNumber" : [{ "type" : "home", "number" : 8268801323 }, { "type" : "fax", "number" : 9568588641 }, { "type" : "Mobile", "number" : 7806366159 }], "emailAddress" : ["AzaleeR@gamil.com", "RAzalee@gmail.com"] }

521 { "_id" : ObjectId("60bb5b87d5ec118047011de3"), "firstName" : "Kathlyn", "lastName" : "Hackenberg", "age" : 31, "Address" : { "streetAddress" : "20 Soojian Dr", "city" : "Leicester", "state" : "MA", "postalCode" : 1524 }, "phoneNumber" : [{ "type" : "home", "number" : 4131667434 }, { "type" : "fax", "number" : 4051166104 }], "emailAddress" : ["Kathlyn@gamil.com", "HKathlyn@gmail.com"] }

522 { "_id" : ObjectId("60bb5b87d5ec118047011de4"), "firstName" : "Edie", "lastName" : "Burstein", "age" : 38, "Address" : { "streetAddress" : "30 Catskill", "city" : "Catskill", "state" : "NY", "postalCode" : 12414 }, "phoneNumber" : [{ "type" : "home", "number" : 2601886547 }, { "type" : "fax", "number" : 2999933858 }], "emailAddress" : ["Edie@gamil.com", "BEdie@gmail.com", "BursteinE@gmail,com"] }

523 { "_id" : ObjectId("60bb5b87d5ec118047011de5"), "firstName" : "Will", "lastName" : "Strout", "age" : 36, "Address" : { "streetAddress" : "11 Jungle Road", "city" : "Leominster", "state" : "MA", "postalCode" : 1453 }, "phoneNumber" : [{ "type" : "home", "number" : 976463661 }, { "type" : "fax", "number" : 8685337904 }, { "type" : "Mobile", "number" : 9809039510 }], "emailAddress" : ["Will@gamil.com", "SWill@gmail.com"] }

524 { "_id" : ObjectId("60bb5b87d5ec118047011de6"), "firstName" : "Cesar", "lastName" : "Bannon", "age" : 34, "Address" : { "streetAddress" : "161 Centereach Mall", "city" : "Centereach", "state" : "NY", "postalCode" : 11720 }, "phoneNumber" : [{ "type" : "home", "number" : 8803053048 }, { "type" : "fax", "number" : 8337163141 }, { "type" : "Mobile", "number" : 9735653616 }], "emailAddress" : ["Cesar@gamil.com", "BCesar@gmail.com"] }

525 { "_id" : ObjectId("60bb5b87d5ec118047011de7"), "firstName" : "Hanna", "lastName" : "Voliva", "age" : 30, "Address" : { "streetAddress" : "780 Lynnway", "city" : "Lynn", "state" : "MA", "postalCode" : 1905 }, "phoneNumber" : [{ "type" : "home", "number" : 4041954879 }, { "type" : "fax", "number" : 2490539545 }], "emailAddress" : [

```
      "Hanna@gamil.com", "VHanna@gmail.com", "VolivaHanna@gmail,com" ] }
526   { "_id" : ObjectId("60bb5b87d5ec118047011de8"), "firstName" : "Yuonne", "lastName" :
      "Gingerich", "age" : 22, "Address" : { "streetAddress" : "3018 East Ave", "city" :
      "Central Square", "state" : "NY", "postalCode" : 13036 }, "phoneNumber" : [ { "type" :
      "home", "number" : 2990731778 }, { "type" : "fax", "number" : 4631531140 }, { "type" :
      "Mobile", "number" : 8829936546 } ], "emailAddress" : [ "Yuonne@gamil.com",
      "GYuonne@gmail.com" ] }
527   { "_id" : ObjectId("60bb5b87d5ec118047011de9"), "firstName" : "Jackie", "lastName" :
      "Wolfenbarger", "age" : 22, "Address" : { "streetAddress" : "100 Thruway Plaza", "city"
      : "Cheektowaga", "state" : "NY", "postalCode" : 14225 }, "phoneNumber" : [ { "type" :
      "home", "number" : 6822716568 }, { "type" : "fax", "number" : 7965807774 } ],
      "emailAddress" : [ "Jackie@gamil.com", "WJackie@gmail.com" ] }
528
529
530
531   ------------------------------------------------------------------------
532   Use $gt, $gte, $lt
533   > db.Customer.find({"age":{$gt:22}}).pretty()
534   {
535           "_id" : ObjectId("60bb5b87d5ec118047011ddd"),
536           "firstName" : "Kamilah",
537           "lastName" : "Earhart",
538           "age" : 32,
539           "Address" : {
540                   "streetAddress" : "297 Grant Avenue",
541                   "city" : "Auburn",
542                   "state" : "NY",
543                   "postalCode" : 13021
544           },
545           "phoneNumber" : [
546                   {
547                           "type" : "home",
548                           "number" : 7360386487
549                   },
550                   {
551                           "type" : "fax",
552                           "number" : 8330942524
553                   }
554           ],
555           "emailAddress" : [
556                   "Kamilah@gamil.com",
557                   "EKamlish@gmail.com",
558                   "KamilahEar@gmail,com"
559           ]
560   }
561   {
562           "_id" : ObjectId("60bb5b87d5ec118047011dde"),
563           "firstName" : "Alise",
564           "lastName" : "Pickrell",
565           "age" : 29,
566           "Address" : {
567                   "streetAddress" : "4133 Veterans Memorial",
568                   "city" : "Batavia",
569                   "state" : "NY",
570                   "postalCode" : 14020
571           },
572           "phoneNumber" : [
573                   {
574                           "type" : "home",
575                           "number" : 8564397599
576                   },
577                   {
578                           "type" : "fax",
579                           "number" : 5426189495
580                   },
581                   {
582                           "type" : "Mobile",
583                           "number" : 3314579129
584                   }
```

```
585                    ],
586            "emailAddress" : [
587                    "AliseP@gamil.com",
588                    "PAlise@gmail.com"
589            ]
590    }
591    {
592            "_id" : ObjectId("60bb5b87d5ec118047011ddf"),
593            "firstName" : "Leticia",
594            "lastName" : "Wrobel",
595            "age" : 33,
596            "Address" : {
597                    "streetAddress" : "337 Russell St",
598                    "city" : "Hadley",
599                    "state" : "MA",
600                    "postalCode" : 1035
601            },
602            "phoneNumber" : [
603                    {
604                            "type" : "home",
605                            "number" : 1659846658
606                    },
607                    {
608                            "type" : "fax",
609                            "number" : 3502899930
610                    },
611                    {
612                            "type" : "Mobile",
613                            "number" : 8437087134
614                    }
615            ],
616            "emailAddress" : [
617                    "Leticia@gamil.com",
618                    "WLeticia@gmail.com",
619                    "WrobelL@gmail,com"
620            ]
621    }
622    {
623            "_id" : ObjectId("60bb5b87d5ec118047011de0"),
624            "firstName" : "Caridad",
625            "lastName" : "Kendall",
626            "age" : 34,
627            "Address" : {
628                    "streetAddress" : "6265 Brockport",
629                    "city" : "Brockport",
630                    "state" : "NY",
631                    "postalCode" : 14420
632            },
633            "phoneNumber" : [
634                    {
635                            "type" : "home",
636                            "number" : 8602583403
637                    },
638                    {
639                            "type" : "fax",
640                            "number" : 4326828684
641                    }
642            ],
643            "emailAddress" : [
644                    "Caridad@gamil.com",
645                    "CaridadK@gmail.com"
646            ]
647    }
648    {
649            "_id" : ObjectId("60bb5b87d5ec118047011de1"),
650            "firstName" : "Michele",
651            "lastName" : "Gault",
652            "age" : 36,
653            "Address" : {
```

```
                            "streetAddress" : "5399 W Genesse St",
                            "city" : "Camillus",
                            "state" : "NY",
                            "postalCode" : 13031
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
                                "number" : 6125582162
                        },
                        {
                                "type" : "fax",
                                "number" : 935992552
                        },
                        {
                                "type" : "Mobile",
                                "number" : 395710776
                        }
                ],
                "emailAddress" : [
                        "MichaelG@gamil.com",
                        "GMichele@gmail.com",
                        "GaultM@gmail,com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011de2"),
                "firstName" : "Azalee",
                "lastName" : "Racey",
                "age" : 31,
                "Address" : {
                        "streetAddress" : "3191 County rd 10",
                        "city" : "Canandaigua",
                        "state" : "NY",
                        "postalCode" : 14424
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
                                "number" : 8268801323
                        },
                        {
                                "type" : "fax",
                                "number" : 9568588641
                        },
                        {
                                "type" : "Mobile",
                                "number" : 7806366159
                        }
                ],
                "emailAddress" : [
                        "AzaleeR@gamil.com",
                        "RAzalee@gmail.com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011de3"),
                "firstName" : "Kathlyn",
                "lastName" : "Hackenberg",
                "age" : 31,
                "Address" : {
                        "streetAddress" : "20 Soojian Dr",
                        "city" : "Leicester",
                        "state" : "MA",
                        "postalCode" : 1524
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
```

```
                                "number" : 4131667434
                        },
                        {
                                "type" : "fax",
                                "number" : 4051166104
                        }
                ],
                "emailAddress" : [
                        "Kathlyn@gamil.com",
                        "HKathlyn@gmail.com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011de4"),
                "firstName" : "Edie",
                "lastName" : "Burstein",
                "age" : 38,
                "Address" : {
                        "streetAddress" : "30 Catskill",
                        "city" : "Catskill",
                        "state" : "NY",
                        "postalCode" : 12414
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
                                "number" : 2601886547
                        },
                        {
                                "type" : "fax",
                                "number" : 2999933858
                        }
                ],
                "emailAddress" : [
                        "Edie@gamil.com",
                        "BEdie@gmail.com",
                        "BursteinE@gmail,com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011de5"),
                "firstName" : "Will",
                "lastName" : "Strout",
                "age" : 36,
                "Address" : {
                        "streetAddress" : "11 Jungle Road",
                        "city" : "Leominster",
                        "state" : "MA",
                        "postalCode" : 1453
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
                                "number" : 976463661
                        },
                        {
                                "type" : "fax",
                                "number" : 8685337904
                        },
                        {
                                "type" : "Mobile",
                                "number" : 9809039510
                        }
                ],
                "emailAddress" : [
                        "Will@gamil.com",
                        "SWill@gmail.com"
                ]
        }
```

```
792   {
793           "_id" : ObjectId("60bb5b87d5ec118047011de6"),
794           "firstName" : "Cesar",
795           "lastName" : "Bannon",
796           "age" : 34,
797           "Address" : {
798                   "streetAddress" : "161 Centereach Mall",
799                   "city" : "Centereach",
800                   "state" : "NY",
801                   "postalCode" : 11720
802           },
803           "phoneNumber" : [
804                   {
805                           "type" : "home",
806                           "number" : 8803053048
807                   },
808                   {
809                           "type" : "fax",
810                           "number" : 8337163141
811                   },
812                   {
813                           "type" : "Mobile",
814                           "number" : 9735653616
815                   }
816           ],
817           "emailAddress" : [
818                   "Cesar@gamil.com",
819                   "BCesar@gmail.com"
820           ]
821   }
822   {
823           "_id" : ObjectId("60bb5b87d5ec118047011de7"),
824           "firstName" : "Hanna",
825           "lastName" : "Voliva",
826           "age" : 30,
827           "Address" : {
828                   "streetAddress" : "780 Lynnway",
829                   "city" : "Lynn",
830                   "state" : "MA",
831                   "postalCode" : 1905
832           },
833           "phoneNumber" : [
834                   {
835                           "type" : "home",
836                           "number" : 4041954879
837                   },
838                   {
839                           "type" : "fax",
840                           "number" : 2490539545
841                   }
842           ],
843           "emailAddress" : [
844                   "Hanna@gamil.com",
845                   "VHanna@gmail.com",
846                   "VolivaHanna@gmail,com"
847           ]
848   }
849   >
850   >
851   >
852   >
853   >
854   >
855   > db.Customer.find({"age":{$lt:22}}).pretty()
856   {
857           "_id" : ObjectId("60bb5b87d5ec118047011dd4"),
858           "firstName" : "Michael",
859           "lastName" : "Smith",
860           "age" : 21,
```

```
861             "Address" : {
862                     "streetAddress" : "279 Troy Road",
863                     "city" : "East Greenbush",
864                     "state" : "NY",
865                     "postalCode" : 12061
866             },
867             "phoneNumber" : [
868                     {
869                             "type" : "home",
870                             "number" : 9808191199
871                     },
872                     {
873                             "type" : "fax",
874                             "number" : 7797374941
875                     }
876             ],
877             "emailAddress" : [
878                     "MichS@gamil.com",
879                     "SMich@gmail.com"
880             ]
881     }
882     {
883             "_id" : ObjectId("60bb5b87d5ec118047011dd7"),
884             "firstName" : "David",
885             "lastName" : "Smith",
886             "age" : 21,
887             "Address" : {
888                     "streetAddress" : "30 Memorial Drive",
889                     "city" : "Avon",
890                     "state" : "MA",
891                     "postalCode" : 2322
892             },
893             "phoneNumber" : [
894                     {
895                             "type" : "home",
896                             "number" : 1508518145
897                     },
898                     {
899                             "type" : "fax",
900                             "number" : 6778131732
901                     }
902             ],
903             "emailAddress" : [
904                     "David@gamil.com",
905                     "SDavid@gmail.com"
906             ]
907     }
908     {
909             "_id" : ObjectId("60bb5b87d5ec118047011dd8"),
910             "firstName" : "Maria",
911             "lastName" : "Rodriguez",
912             "age" : 20,
913             "Address" : {
914                     "streetAddress" : "100 Thruway Plaza",
915                     "city" : "Cheektowaga",
916                     "state" : "NY",
917                     "postalCode" : 14225
918             },
919             "phoneNumber" : [
920                     {
921                             "type" : "home",
922                             "number" : 2870577148
923                     },
924                     {
925                             "type" : "fax",
926                             "number" : 1700918899
927                     }
928             ],
929             "emailAddress" : [
```

```
930                         "MariaR@gamil.com",
931                         "RMaria@gmail.com"
932             ]
933  }
934  {
935             "_id" : ObjectId("60bb5b87d5ec118047011dda"),
936             "firstName" : "Maria",
937             "lastName" : "Hernandez",
938             "age" : 21,
939             "Address" : {
940                     "state" : "CT",
941                     "Pincode" : 4123
942             },
943             "phoneNumber" : [
944                     {
945                             "type" : "home",
946                             "number" : 7655200366
947                     },
948                     {
949                             "type" : "fax",
950                             "number" : 481572451
951                     }
952             ],
953             "emailAddress" : [
954                     "MariaH@gamil.com",
955                     "HMaria@gmail.com"
956             ]
957  }
958
959
960  ------------------------------------------------------------------------
961
962  Record starting with N
963  > db.Customer.find({"Address.state":{$regex:/^N/}}).pretty()
964  {
965             "_id" : ObjectId("60bb5b87d5ec118047011dd4"),
966             "firstName" : "Michael",
967             "lastName" : "Smith",
968             "age" : 21,
969             "Address" : {
970                     "streetAddress" : "279 Troy Road",
971                     "city" : "East Greenbush",
972                     "state" : "NY",
973                     "postalCode" : 12061
974             },
975             "phoneNumber" : [
976                     {
977                             "type" : "home",
978                             "number" : 9808191199
979                     },
980                     {
981                             "type" : "fax",
982                             "number" : 7797374941
983                     }
984             ],
985             "emailAddress" : [
986                     "MichS@gamil.com",
987                     "SMich@gmail.com"
988             ]
989  }
990  {
991             "_id" : ObjectId("60bb5b87d5ec118047011dd8"),
992             "firstName" : "Maria",
993             "lastName" : "Rodriguez",
994             "age" : 20,
995             "Address" : {
996                     "streetAddress" : "100 Thruway Plaza",
997                     "city" : "Cheektowaga",
998                     "state" : "NY",
```

```
999                              "postalCode" : 14225
1000                      },
1001              "phoneNumber" : [
1002                      {
1003                              "type" : "home",
1004                              "number" : 2870577148
1005                      },
1006                      {
1007                              "type" : "fax",
1008                              "number" : 1700918899
1009                      }
1010              ],
1011              "emailAddress" : [
1012                      "MariaR@gamil.com",
1013                      "RMaria@gmail.com"
1014              ]
1015      }
1016      {
1017              "_id" : ObjectId("60bb5b87d5ec118047011ddd"),
1018              "firstName" : "Kamilah",
1019              "lastName" : "Earhart",
1020              "age" : 32,
1021              "Address" : {
1022                      "streetAddress" : "297 Grant Avenue",
1023                      "city" : "Auburn",
1024                      "state" : "NY",
1025                      "postalCode" : 13021
1026              },
1027              "phoneNumber" : [
1028                      {
1029                              "type" : "home",
1030                              "number" : 7360386487
1031                      },
1032                      {
1033                              "type" : "fax",
1034                              "number" : 8330942524
1035                      }
1036              ],
1037              "emailAddress" : [
1038                      "Kamilah@gamil.com",
1039                      "EKamlish@gmail.com",
1040                      "KamilahEar@gmail,com"
1041              ]
1042      }
1043      {
1044              "_id" : ObjectId("60bb5b87d5ec118047011dde"),
1045              "firstName" : "Alise",
1046              "lastName" : "Pickrell",
1047              "age" : 29,
1048              "Address" : {
1049                      "streetAddress" : "4133 Veterans Memorial",
1050                      "city" : "Batavia",
1051                      "state" : "NY",
1052                      "postalCode" : 14020
1053              },
1054              "phoneNumber" : [
1055                      {
1056                              "type" : "home",
1057                              "number" : 8564397599
1058                      },
1059                      {
1060                              "type" : "fax",
1061                              "number" : 5426189495
1062                      },
1063                      {
1064                              "type" : "Mobile",
1065                              "number" : 3314579129
1066                      }
1067              ],
```

```json
1068             "emailAddress" : [
1069                     "AliseP@gamil.com",
1070                     "PAlise@gmail.com"
1071             ]
1072     }
1073     {
1074             "_id" : ObjectId("60bb5b87d5ec118047011de0"),
1075             "firstName" : "Caridad",
1076             "lastName" : "Kendall",
1077             "age" : 34,
1078             "Address" : {
1079                     "streetAddress" : "6265 Brockport",
1080                     "city" : "Brockport",
1081                     "state" : "NY",
1082                     "postalCode" : 14420
1083             },
1084             "phoneNumber" : [
1085                     {
1086                             "type" : "home",
1087                             "number" : 8602583403
1088                     },
1089                     {
1090                             "type" : "fax",
1091                             "number" : 4326828684
1092                     }
1093             ],
1094             "emailAddress" : [
1095                     "Caridad@gamil.com",
1096                     "CaridadK@gmail.com"
1097             ]
1098     }
1099     {
1100             "_id" : ObjectId("60bb5b87d5ec118047011de1"),
1101             "firstName" : "Michele",
1102             "lastName" : "Gault",
1103             "age" : 36,
1104             "Address" : {
1105                     "streetAddress" : "5399 W Genesse St",
1106                     "city" : "Camillus",
1107                     "state" : "NY",
1108                     "postalCode" : 13031
1109             },
1110             "phoneNumber" : [
1111                     {
1112                             "type" : "home",
1113                             "number" : 6125582162
1114                     },
1115                     {
1116                             "type" : "fax",
1117                             "number" : 935992552
1118                     },
1119                     {
1120                             "type" : "Mobile",
1121                             "number" : 395710776
1122                     }
1123             ],
1124             "emailAddress" : [
1125                     "MichaelG@gamil.com",
1126                     "GMichele@gmail.com",
1127                     "GaultM@gmail,com"
1128             ]
1129     }
1130     {
1131             "_id" : ObjectId("60bb5b87d5ec118047011de2"),
1132             "firstName" : "Azalee",
1133             "lastName" : "Racey",
1134             "age" : 31,
1135             "Address" : {
1136                     "streetAddress" : "3191 County rd 10",
```

```
1137                            "city" : "Canandaigua",
1138                            "state" : "NY",
1139                            "postalCode" : 14424
1140              },
1141              "phoneNumber" : [
1142                     {
1143                                   "type" : "home",
1144                                   "number" : 8268801323
1145                     },
1146                     {
1147                                   "type" : "fax",
1148                                   "number" : 9568588641
1149                     },
1150                     {
1151                                   "type" : "Mobile",
1152                                   "number" : 7806366159
1153                     }
1154              ],
1155              "emailAddress" : [
1156                     "AzaleeR@gamil.com",
1157                     "RAzalee@gmail.com"
1158              ]
1159    }
1160    {
1161              "_id" : ObjectId("60bb5b87d5ec118047011de4"),
1162              "firstName" : "Edie",
1163              "lastName" : "Burstein",
1164              "age" : 38,
1165              "Address" : {
1166                     "streetAddress" : "30 Catskill",
1167                     "city" : "Catskill",
1168                     "state" : "NY",
1169                     "postalCode" : 12414
1170              },
1171              "phoneNumber" : [
1172                     {
1173                                   "type" : "home",
1174                                   "number" : 2601886547
1175                     },
1176                     {
1177                                   "type" : "fax",
1178                                   "number" : 2999933858
1179                     }
1180              ],
1181              "emailAddress" : [
1182                     "Edie@gamil.com",
1183                     "BEdie@gmail.com",
1184                     "BursteinE@gmail,com"
1185              ]
1186    }
1187    {
1188              "_id" : ObjectId("60bb5b87d5ec118047011de6"),
1189              "firstName" : "Cesar",
1190              "lastName" : "Bannon",
1191              "age" : 34,
1192              "Address" : {
1193                     "streetAddress" : "161 Centereach Mall",
1194                     "city" : "Centereach",
1195                     "state" : "NY",
1196                     "postalCode" : 11720
1197              },
1198              "phoneNumber" : [
1199                     {
1200                                   "type" : "home",
1201                                   "number" : 8803053048
1202                     },
1203                     {
1204                                   "type" : "fax",
1205                                   "number" : 8337163141
```

```
1206                            },
1207                            {
1208                                    "type" : "Mobile",
1209                                    "number" : 9735653616
1210                            }
1211                  ],
1212            "emailAddress" : [
1213                    "Cesar@gamil.com",
1214                    "BCesar@gmail.com"
1215            ]
1216    }
1217    {
1218            "_id" : ObjectId("60bb5b87d5ec118047011de8"),
1219            "firstName" : "Yuonne",
1220            "lastName" : "Gingerich",
1221            "age" : 22,
1222            "Address" : {
1223                    "streetAddress" : "3018 East Ave",
1224                    "city" : "Central Square",
1225                    "state" : "NY",
1226                    "postalCode" : 13036
1227            },
1228            "phoneNumber" : [
1229                            {
1230                                    "type" : "home",
1231                                    "number" : 2990731778
1232                            },
1233                            {
1234                                    "type" : "fax",
1235                                    "number" : 4631531140
1236                            },
1237                            {
1238                                    "type" : "Mobile",
1239                                    "number" : 8829936546
1240                            }
1241            ],
1242            "emailAddress" : [
1243                    "Yuonne@gamil.com",
1244                    "GYuonne@gmail.com"
1245            ]
1246    }
1247    {
1248            "_id" : ObjectId("60bb5b87d5ec118047011de9"),
1249            "firstName" : "Jackie",
1250            "lastName" : "Wolfenbarger",
1251            "age" : 22,
1252            "Address" : {
1253                    "streetAddress" : "100 Thruway Plaza",
1254                    "city" : "Cheektowaga",
1255                    "state" : "NY",
1256                    "postalCode" : 14225
1257            },
1258            "phoneNumber" : [
1259                            {
1260                                    "type" : "home",
1261                                    "number" : 6822716568
1262                            },
1263                            {
1264                                    "type" : "fax",
1265                                    "number" : 7965807774
1266                            }
1267            ],
1268            "emailAddress" : [
1269                    "Jackie@gamil.com",
1270                    "WJackie@gmail.com"
1271            ]
1272    }
1273    >
1274    >
```

```
1275   >
1276   >
1277   >
1278   > db.Customer.find({age:{$gt:21}}).pretty()
1279   {
1280           "_id" : ObjectId("60bb5b87d5ec118047011dd5"),
1281           "firstName" : "Robert",
1282           "lastName" : "Smith",
1283           "age" : 22,
1284           "Address" : {
1285                   "streetAddress" : "1400 Farmington Ave",
1286                   "city" : "Bristol",
1287                   "state" : "CT",
1288                   "postalCode" : 6010
1289           },
1290           "phoneNumber" : [
1291                   {
1292                           "type" : "home",
1293                           "number" : 1761266808
1294                   },
1295                   {
1296                           "type" : "fax",
1297                           "number" : 9841911399
1298                   }
1299           ],
1300           "emailAddress" : [
1301                   "Robert@gamil.com",
1302                   "SRob@gmail.com"
1303           ]
1304   }
1305   {
1306           "_id" : ObjectId("60bb5b87d5ec118047011dd6"),
1307           "firstName" : "Maria",
1308           "lastName" : "Garcia",
1309           "age" : 22,
1310           "Address" : {
1311                   "streetAddress" : "515 Sawmill Road",
1312                   "city" : "West Haven",
1313                   "state" : "CT",
1314                   "postalCode" : 6516
1315           },
1316           "phoneNumber" : [
1317                   {
1318                           "type" : "home",
1319                           "number" : 8215484894
1320                   },
1321                   {
1322                           "type" : "fax",
1323                           "number" : 6754261777
1324                   }
1325           ],
1326           "emailAddress" : [
1327                   "MariaG@gamil.com",
1328                   "GMaria@gmail.com"
1329           ]
1330   }
1331   {
1332           "_id" : ObjectId("60bb5b87d5ec118047011dd9"),
1333           "firstName" : "Mary",
1334           "lastName" : "Smith",
1335           "age" : 22,
1336           "Address" : {
1337                   "streetAddress" : "180 River Rd",
1338                   "city" : "Lisbon",
1339                   "state" : "CT",
1340                   "postalCode" : 6351
1341           },
1342           "phoneNumber" : [
1343                   {
```

```
                          "type" : "home",
                          "number" : 9806068527
                  },
                  {
                          "type" : "fax",
                          "number" : 3219935317
                  }
          ],
          "emailAddress" : [
                  "Mary@gamil.com",
                  "SMary@gmail.com"
          ]
  }
  {
          "_id" : ObjectId("60bb5b87d5ec118047011ddb"),
          "firstName" : "Lilly",
          "lastName" : "Martinez",
          "age" : 22,
          "Address" : {
                  "streetAddress" : "591 Memorial Dr",
                  "city" : "Chicopee",
                  "state" : "MA",
                  "postalCode" : 1020
          },
          "phoneNumber" : [
                  {
                          "type" : "home",
                          "number" : 1723748378
                  },
                  {
                          "type" : "fax",
                          "number" : 3294228998
                  }
          ],
          "emailAddress" : [
                  "Lilly@gamil.com",
                  "MLilly@gmail.com",
                  "LillyM@gmail.com"
          ]
  }
  {
          "_id" : ObjectId("60bb5b87d5ec118047011ddd"),
          "firstName" : "Kamilah",
          "lastName" : "Earhart",
          "age" : 32,
          "Address" : {
                  "streetAddress" : "297 Grant Avenue",
                  "city" : "Auburn",
                  "state" : "NY",
                  "postalCode" : 13021
          },
          "phoneNumber" : [
                  {
                          "type" : "home",
                          "number" : 7360386487
                  },
                  {
                          "type" : "fax",
                          "number" : 8330942524
                  }
          ],
          "emailAddress" : [
                  "Kamilah@gamil.com",
                  "EKamlish@gmail.com",
                  "KamilahEar@gmail,com"
          ]
  }
  {
          "_id" : ObjectId("60bb5b87d5ec118047011dde"),
```

```json
                "firstName" : "Alise",
                "lastName" : "Pickrell",
                "age" : 29,
                "Address" : {
                        "streetAddress" : "4133 Veterans Memorial",
                        "city" : "Batavia",
                        "state" : "NY",
                        "postalCode" : 14020
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
                                "number" : 8564397599
                        },
                        {
                                "type" : "fax",
                                "number" : 5426189495
                        },
                        {
                                "type" : "Mobile",
                                "number" : 3314579129
                        }
                ],
                "emailAddress" : [
                        "AliseP@gamil.com",
                        "PAlise@gmail.com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011ddf"),
                "firstName" : "Leticia",
                "lastName" : "Wrobel",
                "age" : 33,
                "Address" : {
                        "streetAddress" : "337 Russell St",
                        "city" : "Hadley",
                        "state" : "MA",
                        "postalCode" : 1035
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
                                "number" : 1659846658
                        },
                        {
                                "type" : "fax",
                                "number" : 3502899930
                        },
                        {
                                "type" : "Mobile",
                                "number" : 8437087134
                        }
                ],
                "emailAddress" : [
                        "Leticia@gamil.com",
                        "WLeticia@gmail.com",
                        "WrobelL@gmail,com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011de0"),
                "firstName" : "Caridad",
                "lastName" : "Kendall",
                "age" : 34,
                "Address" : {
                        "streetAddress" : "6265 Brockport",
                        "city" : "Brockport",
                        "state" : "NY",
                        "postalCode" : 14420
```

```
          },
"phoneNumber" : [
        {
                "type" : "home",
                "number" : 8602583403
        },
        {
                "type" : "fax",
                "number" : 4326828684
        }
],
"emailAddress" : [
        "Caridad@gamil.com",
        "CaridadK@gmail.com"
]
}
{
        "_id" : ObjectId("60bb5b87d5ec118047011de1"),
        "firstName" : "Michele",
        "lastName" : "Gault",
        "age" : 36,
        "Address" : {
                "streetAddress" : "5399 W Genesse St",
                "city" : "Camillus",
                "state" : "NY",
                "postalCode" : 13031
        },
        "phoneNumber" : [
                {
                        "type" : "home",
                        "number" : 6125582162
                },
                {
                        "type" : "fax",
                        "number" : 935992552
                },
                {
                        "type" : "Mobile",
                        "number" : 395710776
                }
        ],
        "emailAddress" : [
                "MichaelG@gamil.com",
                "GMichele@gmail.com",
                "GaultM@gmail,com"
        ]
}
{
        "_id" : ObjectId("60bb5b87d5ec118047011de2"),
        "firstName" : "Azalee",
        "lastName" : "Racey",
        "age" : 31,
        "Address" : {
                "streetAddress" : "3191 County rd 10",
                "city" : "Canandaigua",
                "state" : "NY",
                "postalCode" : 14424
        },
        "phoneNumber" : [
                {
                        "type" : "home",
                        "number" : 8268801323
                },
                {
                        "type" : "fax",
                        "number" : 9568588641
                },
                {
                        "type" : "Mobile",
```

```
                                    "number" : 7806366159
                            }
                ],
                "emailAddress" : [
                        "AzaleeR@gamil.com",
                        "RAzalee@gmail.com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011de3"),
                "firstName" : "Kathlyn",
                "lastName" : "Hackenberg",
                "age" : 31,
                "Address" : {
                        "streetAddress" : "20 Soojian Dr",
                        "city" : "Leicester",
                        "state" : "MA",
                        "postalCode" : 1524
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
                                "number" : 4131667434
                        },
                        {
                                "type" : "fax",
                                "number" : 4051166104
                        }
                ],
                "emailAddress" : [
                        "Kathlyn@gamil.com",
                        "HKathlyn@gmail.com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011de4"),
                "firstName" : "Edie",
                "lastName" : "Burstein",
                "age" : 38,
                "Address" : {
                        "streetAddress" : "30 Catskill",
                        "city" : "Catskill",
                        "state" : "NY",
                        "postalCode" : 12414
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
                                "number" : 2601886547
                        },
                        {
                                "type" : "fax",
                                "number" : 2999933858
                        }
                ],
                "emailAddress" : [
                        "Edie@gamil.com",
                        "BEdie@gmail.com",
                        "BursteinE@gmail,com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011de5"),
                "firstName" : "Will",
                "lastName" : "Strout",
                "age" : 36,
                "Address" : {
                        "streetAddress" : "11 Jungle Road",
                        "city" : "Leominster",
```

```
                             "state" : "MA",
                             "postalCode" : 1453
                },
                "phoneNumber" : [
                        {
                                 "type" : "home",
                                 "number" : 976463661
                        },
                        {
                                 "type" : "fax",
                                 "number" : 8685337904
                        },
                        {
                                 "type" : "Mobile",
                                 "number" : 9809039510
                        }
                ],
                "emailAddress" : [
                        "Will@gamil.com",
                        "SWill@gmail.com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011de6"),
                "firstName" : "Cesar",
                "lastName" : "Bannon",
                "age" : 34,
                "Address" : {
                        "streetAddress" : "161 Centereach Mall",
                        "city" : "Centereach",
                        "state" : "NY",
                        "postalCode" : 11720
                },
                "phoneNumber" : [
                        {
                                 "type" : "home",
                                 "number" : 8803053048
                        },
                        {
                                 "type" : "fax",
                                 "number" : 8337163141
                        },
                        {
                                 "type" : "Mobile",
                                 "number" : 9735653616
                        }
                ],
                "emailAddress" : [
                        "Cesar@gamil.com",
                        "BCesar@gmail.com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011de7"),
                "firstName" : "Hanna",
                "lastName" : "Voliva",
                "age" : 30,
                "Address" : {
                        "streetAddress" : "780 Lynnway",
                        "city" : "Lynn",
                        "state" : "MA",
                        "postalCode" : 1905
                },
                "phoneNumber" : [
                        {
                                 "type" : "home",
                                 "number" : 4041954879
                        },
                        {
```

```
1689                              "type" : "fax",
1690                              "number" : 2490539545
1691                      }
1692              ],
1693              "emailAddress" : [
1694                      "Hanna@gamil.com",
1695                      "VHanna@gmail.com",
1696                      "VolivaHanna@gmail,com"
1697              ]
1698   }
1699   {
1700              "_id" : ObjectId("60bb5b87d5ec118047011de8"),
1701              "firstName" : "Yuonne",
1702              "lastName" : "Gingerich",
1703              "age" : 22,
1704              "Address" : {
1705                      "streetAddress" : "3018 East Ave",
1706                      "city" : "Central Square",
1707                      "state" : "NY",
1708                      "postalCode" : 13036
1709              },
1710              "phoneNumber" : [
1711                      {
1712                              "type" : "home",
1713                              "number" : 2990731778
1714                      },
1715                      {
1716                              "type" : "fax",
1717                              "number" : 4631531140
1718                      },
1719                      {
1720                              "type" : "Mobile",
1721                              "number" : 8829936546
1722                      }
1723              ],
1724              "emailAddress" : [
1725                      "Yuonne@gamil.com",
1726                      "GYuonne@gmail.com"
1727              ]
1728   }
1729   {
1730              "_id" : ObjectId("60bb5b87d5ec118047011de9"),
1731              "firstName" : "Jackie",
1732              "lastName" : "Wolfenbarger",
1733              "age" : 22,
1734              "Address" : {
1735                      "streetAddress" : "100 Thruway Plaza",
1736                      "city" : "Cheektowaga",
1737                      "state" : "NY",
1738                      "postalCode" : 14225
1739              },
1740              "phoneNumber" : [
1741                      {
1742                              "type" : "home",
1743                              "number" : 6822716568
1744                      },
1745                      {
1746                              "type" : "fax",
1747                              "number" : 7965807774
1748                      }
1749              ],
1750              "emailAddress" : [
1751                      "Jackie@gamil.com",
1752                      "WJackie@gmail.com"
1753              ]
1754   }
1755   >
1756   >
1757   >
```

```
1758    >
1759    >
1760    >
1761    > db.Customer.find({"firstName":{$regex:/^M/}}).pretty()
1762    {
1763            "_id" : ObjectId("60bb5b87d5ec118047011dd4"),
1764            "firstName" : "Michael",
1765            "lastName" : "Smith",
1766            "age" : 21,
1767            "Address" : {
1768                    "streetAddress" : "279 Troy Road",
1769                    "city" : "East Greenbush",
1770                    "state" : "NY",
1771                    "postalCode" : 12061
1772            },
1773            "phoneNumber" : [
1774                    {
1775                            "type" : "home",
1776                            "number" : 9808191199
1777                    },
1778                    {
1779                            "type" : "fax",
1780                            "number" : 7797374941
1781                    }
1782            ],
1783            "emailAddress" : [
1784                    "MichS@gamil.com",
1785                    "SMich@gmail.com"
1786            ]
1787    }
1788    {
1789            "_id" : ObjectId("60bb5b87d5ec118047011dd6"),
1790            "firstName" : "Maria",
1791            "lastName" : "Garcia",
1792            "age" : 22,
1793            "Address" : {
1794                    "streetAddress" : "515 Sawmill Road",
1795                    "city" : "West Haven",
1796                    "state" : "CT",
1797                    "postalCode" : 6516
1798            },
1799            "phoneNumber" : [
1800                    {
1801                            "type" : "home",
1802                            "number" : 8215484894
1803                    },
1804                    {
1805                            "type" : "fax",
1806                            "number" : 6754261777
1807                    }
1808            ],
1809            "emailAddress" : [
1810                    "MariaG@gamil.com",
1811                    "GMaria@gmail.com"
1812            ]
1813    }
1814    {
1815            "_id" : ObjectId("60bb5b87d5ec118047011dd8"),
1816            "firstName" : "Maria",
1817            "lastName" : "Rodriguez",
1818            "age" : 20,
1819            "Address" : {
1820                    "streetAddress" : "100 Thruway Plaza",
1821                    "city" : "Cheektowaga",
1822                    "state" : "NY",
1823                    "postalCode" : 14225
1824            },
1825            "phoneNumber" : [
1826                    {
```

```
                                  "type" : "home",
                                  "number" : 2870577148
                          },
                          {
                                  "type" : "fax",
                                  "number" : 1700918899
                          }
                  ],
                  "emailAddress" : [
                          "MariaR@gamil.com",
                          "RMaria@gmail.com"
                  ]
        }
        {
                  "_id" : ObjectId("60bb5b87d5ec118047011dd9"),
                  "firstName" : "Mary",
                  "lastName" : "Smith",
                  "age" : 22,
                  "Address" : {
                          "streetAddress" : "180 River Rd",
                          "city" : "Lisbon",
                          "state" : "CT",
                          "postalCode" : 6351
                  },
                  "phoneNumber" : [
                          {
                                  "type" : "home",
                                  "number" : 9806068527
                          },
                          {
                                  "type" : "fax",
                                  "number" : 3219935317
                          }
                  ],
                  "emailAddress" : [
                          "Mary@gamil.com",
                          "SMary@gmail.com"
                  ]
        }
        {
                  "_id" : ObjectId("60bb5b87d5ec118047011dda"),
                  "firstName" : "Maria",
                  "lastName" : "Hernandez",
                  "age" : 21,
                  "Address" : {
                          "state" : "CT",
                          "Pincode" : 4123
                  },
                  "phoneNumber" : [
                          {
                                  "type" : "home",
                                  "number" : 7655200366
                          },
                          {
                                  "type" : "fax",
                                  "number" : 481572451
                          }
                  ],
                  "emailAddress" : [
                          "MariaH@gamil.com",
                          "HMaria@gmail.com"
                  ]
        }
        {
                  "_id" : ObjectId("60bb5b87d5ec118047011de1"),
                  "firstName" : "Michele",
                  "lastName" : "Gault",
                  "age" : 36,
                  "Address" : {
```

```
                        "streetAddress" : "5399 W Genesse St",
                        "city" : "Camillus",
                        "state" : "NY",
                        "postalCode" : 13031
            },
            "phoneNumber" : [
                    {
                            "type" : "home",
                            "number" : 6125582162
                    },
                    {
                            "type" : "fax",
                            "number" : 935992552
                    },
                    {
                            "type" : "Mobile",
                            "number" : 395710776
                    }
            ],
            "emailAddress" : [
                    "MichaelG@gamil.com",
                    "GMichele@gmail.com",
                    "GaultM@gmail,com"
            ]
}
>


-------------------------------------------------------------------------
Total number od Doc
> db.Customer.count()
22


-------------------------------------------------------------------------
Display only name
> db.Customer.find({},{_id:0,firstName:1,lastName:1}).pretty()
{ "firstName" : "Michael", "lastName" : "Smith" }
{ "firstName" : "Robert", "lastName" : "Smith" }
{ "firstName" : "Maria", "lastName" : "Garcia" }
{ "firstName" : "David", "lastName" : "Smith" }
{ "firstName" : "Maria", "lastName" : "Rodriguez" }
{ "firstName" : "Mary", "lastName" : "Smith" }
{ "firstName" : "Maria", "lastName" : "Hernandez" }
{ "firstName" : "Lilly", "lastName" : "Martinez" }
{ "firstName" : "Kamilah", "lastName" : "Earhart" }
{ "firstName" : "Alise", "lastName" : "Pickrell" }
{ "firstName" : "Leticia", "lastName" : "Wrobel" }
{ "firstName" : "Caridad", "lastName" : "Kendall" }
{ "firstName" : "Michele", "lastName" : "Gault" }
{ "firstName" : "Azalee", "lastName" : "Racey" }
{ "firstName" : "Kathlyn", "lastName" : "Hackenberg" }
{ "firstName" : "Edie", "lastName" : "Burstein" }
{ "firstName" : "Will", "lastName" : "Strout" }
{ "firstName" : "Cesar", "lastName" : "Bannon" }
{ "firstName" : "Hanna", "lastName" : "Voliva" }
{ "firstName" : "Yuonne", "lastName" : "Gingerich" }
Type "it" for more


-------------------------------------------------------------------------
Sorting Doc in descending
> db.Customer.find().sort({firstName:-1}).pretty()
{
        "_id" : ObjectId("60bb5b87d5ec118047011de8"),
        "firstName" : "Yuonne",
        "lastName" : "Gingerich",
```

```
1965              "age" : 22,
1966              "Address" : {
1967                      "streetAddress" : "3018 East Ave",
1968                      "city" : "Central Square",
1969                      "state" : "NY",
1970                      "postalCode" : 13036
1971              },
1972              "phoneNumber" : [
1973                      {
1974                              "type" : "home",
1975                              "number" : 2990731778
1976                      },
1977                      {
1978                              "type" : "fax",
1979                              "number" : 4631531140
1980                      },
1981                      {
1982                              "type" : "Mobile",
1983                              "number" : 8829936546
1984                      }
1985              ],
1986              "emailAddress" : [
1987                      "Yuonne@gamil.com",
1988                      "GYuonne@gmail.com"
1989              ]
1990      }
1991      {
1992              "_id" : ObjectId("60bb5b87d5ec118047011de5"),
1993              "firstName" : "Will",
1994              "lastName" : "Strout",
1995              "age" : 36,
1996              "Address" : {
1997                      "streetAddress" : "11 Jungle Road",
1998                      "city" : "Leominster",
1999                      "state" : "MA",
2000                      "postalCode" : 1453
2001              },
2002              "phoneNumber" : [
2003                      {
2004                              "type" : "home",
2005                              "number" : 976463661
2006                      },
2007                      {
2008                              "type" : "fax",
2009                              "number" : 8685337904
2010                      },
2011                      {
2012                              "type" : "Mobile",
2013                              "number" : 9809039510
2014                      }
2015              ],
2016              "emailAddress" : [
2017                      "Will@gamil.com",
2018                      "SWill@gmail.com"
2019              ]
2020      }
2021      {
2022              "_id" : ObjectId("60bb5d9af5322caf711ed97f"),
2023              "firstName" : "Vasu",
2024              "lastName" : "Kalariya"
2025      }
2026      {
2027              "_id" : ObjectId("60bb5b87d5ec118047011dd5"),
2028              "firstName" : "Robert",
2029              "lastName" : "Smith",
2030              "age" : 22,
2031              "Address" : {
2032                      "streetAddress" : "1400 Farmington Ave",
2033                      "city" : "Bristol",
```

```
                        "state" : "CT",
                        "postalCode" : 6010
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
                                "number" : 1761266808
                        },
                        {
                                "type" : "fax",
                                "number" : 9841911399
                        }
                ],
                "emailAddress" : [
                        "Robert@gamil.com",
                        "SRob@gmail.com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011de1"),
                "firstName" : "Michele",
                "lastName" : "Gault",
                "age" : 36,
                "Address" : {
                        "streetAddress" : "5399 W Genesse St",
                        "city" : "Camillus",
                        "state" : "NY",
                        "postalCode" : 13031
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
                                "number" : 6125582162
                        },
                        {
                                "type" : "fax",
                                "number" : 935992552
                        },
                        {
                                "type" : "Mobile",
                                "number" : 395710776
                        }
                ],
                "emailAddress" : [
                        "MichaelG@gamil.com",
                        "GMichele@gmail.com",
                        "GaultM@gmail,com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011dd4"),
                "firstName" : "Michael",
                "lastName" : "Smith",
                "age" : 21,
                "Address" : {
                        "streetAddress" : "279 Troy Road",
                        "city" : "East Greenbush",
                        "state" : "NY",
                        "postalCode" : 12061
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
                                "number" : 9808191199
                        },
                        {
                                "type" : "fax",
                                "number" : 7797374941
                        }
```

```
2103                ],
2104                "emailAddress" : [
2105                        "MichS@gamil.com",
2106                        "SMich@gmail.com"
2107                ]
2108    }
2109    {
2110                "_id" : ObjectId("60bb5b87d5ec118047011dd9"),
2111                "firstName" : "Mary",
2112                "lastName" : "Smith",
2113                "age" : 22,
2114                "Address" : {
2115                        "streetAddress" : "180 River Rd",
2116                        "city" : "Lisbon",
2117                        "state" : "CT",
2118                        "postalCode" : 6351
2119                },
2120                "phoneNumber" : [
2121                        {
2122                                "type" : "home",
2123                                "number" : 9806068527
2124                        },
2125                        {
2126                                "type" : "fax",
2127                                "number" : 3219935317
2128                        }
2129                ],
2130                "emailAddress" : [
2131                        "Mary@gamil.com",
2132                        "SMary@gmail.com"
2133                ]
2134    }
2135    {
2136                "_id" : ObjectId("60bb5b87d5ec118047011dd6"),
2137                "firstName" : "Maria",
2138                "lastName" : "Garcia",
2139                "age" : 22,
2140                "Address" : {
2141                        "streetAddress" : "515 Sawmill Road",
2142                        "city" : "West Haven",
2143                        "state" : "CT",
2144                        "postalCode" : 6516
2145                },
2146                "phoneNumber" : [
2147                        {
2148                                "type" : "home",
2149                                "number" : 8215484894
2150                        },
2151                        {
2152                                "type" : "fax",
2153                                "number" : 6754261777
2154                        }
2155                ],
2156                "emailAddress" : [
2157                        "MariaG@gamil.com",
2158                        "GMaria@gmail.com"
2159                ]
2160    }
2161    {
2162                "_id" : ObjectId("60bb5b87d5ec118047011dd8"),
2163                "firstName" : "Maria",
2164                "lastName" : "Rodriguez",
2165                "age" : 20,
2166                "Address" : {
2167                        "streetAddress" : "100 Thruway Plaza",
2168                        "city" : "Cheektowaga",
2169                        "state" : "NY",
2170                        "postalCode" : 14225
2171                },
```

```json
            "phoneNumber" : [
                    {
                            "type" : "home",
                            "number" : 2870577148
                    },
                    {
                            "type" : "fax",
                            "number" : 1700918899
                    }
            ],
            "emailAddress" : [
                    "MariaR@gamil.com",
                    "RMaria@gmail.com"
            ]
    }
    {
            "_id" : ObjectId("60bb5b87d5ec118047011dda"),
            "firstName" : "Maria",
            "lastName" : "Hernandez",
            "age" : 21,
            "Address" : {
                    "state" : "CT",
                    "Pincode" : 4123
            },
            "phoneNumber" : [
                    {
                            "type" : "home",
                            "number" : 7655200366
                    },
                    {
                            "type" : "fax",
                            "number" : 481572451
                    }
            ],
            "emailAddress" : [
                    "MariaH@gamil.com",
                    "HMaria@gmail.com"
            ]
    }
    {
            "_id" : ObjectId("60bb5b87d5ec118047011ddb"),
            "firstName" : "Lilly",
            "lastName" : "Martinez",
            "age" : 22,
            "Address" : {
                    "streetAddress" : "591 Memorial Dr",
                    "city" : "Chicopee",
                    "state" : "MA",
                    "postalCode" : 1020
            },
            "phoneNumber" : [
                    {
                            "type" : "home",
                            "number" : 1723748378
                    },
                    {
                            "type" : "fax",
                            "number" : 3294228998
                    }
            ],
            "emailAddress" : [
                    "Lilly@gamil.com",
                    "MLilly@gmail.com",
                    "LillyM@gmail.com"
            ]
    }
    {
            "_id" : ObjectId("60bb5b87d5ec118047011ddf"),
            "firstName" : "Leticia",
```

```
2241                "lastName" : "Wrobel",
2242                "age" : 33,
2243                "Address" : {
2244                        "streetAddress" : "337 Russell St",
2245                        "city" : "Hadley",
2246                        "state" : "MA",
2247                        "postalCode" : 1035
2248                },
2249                "phoneNumber" : [
2250                        {
2251                                "type" : "home",
2252                                "number" : 1659846658
2253                        },
2254                        {
2255                                "type" : "fax",
2256                                "number" : 3502899930
2257                        },
2258                        {
2259                                "type" : "Mobile",
2260                                "number" : 8437087134
2261                        }
2262                ],
2263                "emailAddress" : [
2264                        "Leticia@gamil.com",
2265                        "WLeticia@gmail.com",
2266                        "WrobelL@gmail,com"
2267                ]
2268    }
2269    {
2270                "_id" : ObjectId("60bb5b87d5ec118047011de3"),
2271                "firstName" : "Kathlyn",
2272                "lastName" : "Hackenberg",
2273                "age" : 31,
2274                "Address" : {
2275                        "streetAddress" : "20 Soojian Dr",
2276                        "city" : "Leicester",
2277                        "state" : "MA",
2278                        "postalCode" : 1524
2279                },
2280                "phoneNumber" : [
2281                        {
2282                                "type" : "home",
2283                                "number" : 4131667434
2284                        },
2285                        {
2286                                "type" : "fax",
2287                                "number" : 4051166104
2288                        }
2289                ],
2290                "emailAddress" : [
2291                        "Kathlyn@gamil.com",
2292                        "HKathlyn@gmail.com"
2293                ]
2294    }
2295    {
2296                "_id" : ObjectId("60bb5b87d5ec118047011ddd"),
2297                "firstName" : "Kamilah",
2298                "lastName" : "Earhart",
2299                "age" : 32,
2300                "Address" : {
2301                        "streetAddress" : "297 Grant Avenue",
2302                        "city" : "Auburn",
2303                        "state" : "NY",
2304                        "postalCode" : 13021
2305                },
2306                "phoneNumber" : [
2307                        {
2308                                "type" : "home",
2309                                "number" : 7360386487
```

```
                },
                {
                        "type" : "fax",
                        "number" : 8330942524
                }
        ],
        "emailAddress" : [
                "Kamilah@gamil.com",
                "EKamlish@gmail.com",
                "KamilahEar@gmail,com"
        ]
}
{
        "_id" : ObjectId("60bb5b87d5ec118047011de9"),
        "firstName" : "Jackie",
        "lastName" : "Wolfenbarger",
        "age" : 22,
        "Address" : {
                "streetAddress" : "100 Thruway Plaza",
                "city" : "Cheektowaga",
                "state" : "NY",
                "postalCode" : 14225
        },
        "phoneNumber" : [
                {
                        "type" : "home",
                        "number" : 6822716568
                },
                {
                        "type" : "fax",
                        "number" : 7965807774
                }
        ],
        "emailAddress" : [
                "Jackie@gamil.com",
                "WJackie@gmail.com"
        ]
}
{
        "_id" : ObjectId("60bb5b87d5ec118047011de7"),
        "firstName" : "Hanna",
        "lastName" : "Voliva",
        "age" : 30,
        "Address" : {
                "streetAddress" : "780 Lynnway",
                "city" : "Lynn",
                "state" : "MA",
                "postalCode" : 1905
        },
        "phoneNumber" : [
                {
                        "type" : "home",
                        "number" : 4041954879
                },
                {
                        "type" : "fax",
                        "number" : 2490539545
                }
        ],
        "emailAddress" : [
                "Hanna@gamil.com",
                "VHanna@gmail.com",
                "VolivaHanna@gmail,com"
        ]
}
{
        "_id" : ObjectId("60bb5b87d5ec118047011de4"),
        "firstName" : "Edie",
        "lastName" : "Burstein",
```

```
2379                "age" : 38,
2380                "Address" : {
2381                        "streetAddress" : "30 Catskill",
2382                        "city" : "Catskill",
2383                        "state" : "NY",
2384                        "postalCode" : 12414
2385                },
2386                "phoneNumber" : [
2387                        {
2388                                "type" : "home",
2389                                "number" : 2601886547
2390                        },
2391                        {
2392                                "type" : "fax",
2393                                "number" : 2999933858
2394                        }
2395                ],
2396                "emailAddress" : [
2397                        "Edie@gamil.com",
2398                        "BEdie@gmail.com",
2399                        "BursteinE@gmail,com"
2400                ]
2401     }
2402     {
2403                "_id" : ObjectId("60bb5b87d5ec118047011dd7"),
2404                "firstName" : "David",
2405                "lastName" : "Smith",
2406                "age" : 21,
2407                "Address" : {
2408                        "streetAddress" : "30 Memorial Drive",
2409                        "city" : "Avon",
2410                        "state" : "MA",
2411                        "postalCode" : 2322
2412                },
2413                "phoneNumber" : [
2414                        {
2415                                "type" : "home",
2416                                "number" : 1508518145
2417                        },
2418                        {
2419                                "type" : "fax",
2420                                "number" : 6778131732
2421                        }
2422                ],
2423                "emailAddress" : [
2424                        "David@gamil.com",
2425                        "SDavid@gmail.com"
2426                ]
2427     }
2428     {
2429                "_id" : ObjectId("60bb5b87d5ec118047011de6"),
2430                "firstName" : "Cesar",
2431                "lastName" : "Bannon",
2432                "age" : 34,
2433                "Address" : {
2434                        "streetAddress" : "161 Centereach Mall",
2435                        "city" : "Centereach",
2436                        "state" : "NY",
2437                        "postalCode" : 11720
2438                },
2439                "phoneNumber" : [
2440                        {
2441                                "type" : "home",
2442                                "number" : 8803053048
2443                        },
2444                        {
2445                                "type" : "fax",
2446                                "number" : 8337163141
2447                        },
```

```
                        {
                                "type" : "Mobile",
                                "number" : 9735653616
                        }
                ],
                "emailAddress" : [
                        "Cesar@gamil.com",
                        "BCesar@gmail.com"
                ]
}
{
        "_id" : ObjectId("60bb5b87d5ec118047011de0"),
        "firstName" : "Caridad",
        "lastName" : "Kendall",
        "age" : 34,
        "Address" : {
                "streetAddress" : "6265 Brockport",
                "city" : "Brockport",
                "state" : "NY",
                "postalCode" : 14420
        },
        "phoneNumber" : [
                {
                        "type" : "home",
                        "number" : 8602583403
                },
                {
                        "type" : "fax",
                        "number" : 4326828684
                }
        ],
        "emailAddress" : [
                "Caridad@gamil.com",
                "CaridadK@gmail.com"
        ]
}
Type "it" for more
>
>
>
>
> db.Customer.find({$and:[{age:{$gt:20}},{lastName:"Smith"}]}).pretty()
{
        "_id" : ObjectId("60bb5b87d5ec118047011dd4"),
        "firstName" : "Michael",
        "lastName" : "Smith",
        "age" : 21,
        "Address" : {
                "streetAddress" : "279 Troy Road",
                "city" : "East Greenbush",
                "state" : "NY",
                "postalCode" : 12061
        },
        "phoneNumber" : [
                {
                        "type" : "home",
                        "number" : 9808191199
                },
                {
                        "type" : "fax",
                        "number" : 7797374941
                }
        ],
        "emailAddress" : [
                "MichS@gamil.com",
                "SMich@gmail.com"
        ]
}
{
```

```
2517              "_id" : ObjectId("60bb5b87d5ec118047011dd5"),
2518              "firstName" : "Robert",
2519              "lastName" : "Smith",
2520              "age" : 22,
2521              "Address" : {
2522                      "streetAddress" : "1400 Farmington Ave",
2523                      "city" : "Bristol",
2524                      "state" : "CT",
2525                      "postalCode" : 6010
2526              },
2527              "phoneNumber" : [
2528                      {
2529                              "type" : "home",
2530                              "number" : 1761266808
2531                      },
2532                      {
2533                              "type" : "fax",
2534                              "number" : 9841911399
2535                      }
2536              ],
2537              "emailAddress" : [
2538                      "Robert@gamil.com",
2539                      "SRob@gmail.com"
2540              ]
2541      }
2542      {
2543              "_id" : ObjectId("60bb5b87d5ec118047011dd7"),
2544              "firstName" : "David",
2545              "lastName" : "Smith",
2546              "age" : 21,
2547              "Address" : {
2548                      "streetAddress" : "30 Memorial Drive",
2549                      "city" : "Avon",
2550                      "state" : "MA",
2551                      "postalCode" : 2322
2552              },
2553              "phoneNumber" : [
2554                      {
2555                              "type" : "home",
2556                              "number" : 1508518145
2557                      },
2558                      {
2559                              "type" : "fax",
2560                              "number" : 6778131732
2561                      }
2562              ],
2563              "emailAddress" : [
2564                      "David@gamil.com",
2565                      "SDavid@gmail.com"
2566              ]
2567      }
2568      {
2569              "_id" : ObjectId("60bb5b87d5ec118047011dd9"),
2570              "firstName" : "Mary",
2571              "lastName" : "Smith",
2572              "age" : 22,
2573              "Address" : {
2574                      "streetAddress" : "180 River Rd",
2575                      "city" : "Lisbon",
2576                      "state" : "CT",
2577                      "postalCode" : 6351
2578              },
2579              "phoneNumber" : [
2580                      {
2581                              "type" : "home",
2582                              "number" : 9806068527
2583                      },
2584                      {
2585                              "type" : "fax",
```

```
2586                                      "number" : 3219935317
2587                              }
2588              ],
2589              "emailAddress" : [
2590                      "Mary@gamil.com",
2591                      "SMary@gmail.com"
2592              ]
2593      }


-----------------------------------------------------------------------

      Query using or operation
      > db.Customer.find({$or:[{age:{$gt:21}},{lastName:"Smith"}]}).pretty()
      {
              "_id" : ObjectId("60bb5b87d5ec118047011dd4"),
              "firstName" : "Michael",
              "lastName" : "Smith",
              "age" : 21,
              "Address" : {
                      "streetAddress" : "279 Troy Road",
                      "city" : "East Greenbush",
                      "state" : "NY",
                      "postalCode" : 12061
              },
              "phoneNumber" : [
                      {
                              "type" : "home",
                              "number" : 9808191199
                      },
                      {
                              "type" : "fax",
                              "number" : 7797374941
                      }
              ],
              "emailAddress" : [
                      "MichS@gamil.com",
                      "SMich@gmail.com"
              ]
      }
      {
              "_id" : ObjectId("60bb5b87d5ec118047011dd5"),
              "firstName" : "Robert",
              "lastName" : "Smith",
              "age" : 22,
              "Address" : {
                      "streetAddress" : "1400 Farmington Ave",
                      "city" : "Bristol",
                      "state" : "CT",
                      "postalCode" : 6010
              },
              "phoneNumber" : [
                      {
                              "type" : "home",
                              "number" : 1761266808
                      },
                      {
                              "type" : "fax",
                              "number" : 9841911399
                      }
              ],
              "emailAddress" : [
                      "Robert@gamil.com",
                      "SRob@gmail.com"
              ]
      }
      {
              "_id" : ObjectId("60bb5b87d5ec118047011dd6"),
```

```
2655                "firstName" : "Maria",
2656                "lastName" : "Garcia",
2657                "age" : 22,
2658                "Address" : {
2659                        "streetAddress" : "515 Sawmill Road",
2660                        "city" : "West Haven",
2661                        "state" : "CT",
2662                        "postalCode" : 6516
2663                },
2664                "phoneNumber" : [
2665                        {
2666                                "type" : "home",
2667                                "number" : 8215484894
2668                        },
2669                        {
2670                                "type" : "fax",
2671                                "number" : 6754261777
2672                        }
2673                ],
2674                "emailAddress" : [
2675                        "MariaG@gamil.com",
2676                        "GMaria@gmail.com"
2677                ]
2678        }
2679        {
2680                "_id" : ObjectId("60bb5b87d5ec118047011dd7"),
2681                "firstName" : "David",
2682                "lastName" : "Smith",
2683                "age" : 21,
2684                "Address" : {
2685                        "streetAddress" : "30 Memorial Drive",
2686                        "city" : "Avon",
2687                        "state" : "MA",
2688                        "postalCode" : 2322
2689                },
2690                "phoneNumber" : [
2691                        {
2692                                "type" : "home",
2693                                "number" : 1508518145
2694                        },
2695                        {
2696                                "type" : "fax",
2697                                "number" : 6778131732
2698                        }
2699                ],
2700                "emailAddress" : [
2701                        "David@gamil.com",
2702                        "SDavid@gmail.com"
2703                ]
2704        }
2705        {
2706                "_id" : ObjectId("60bb5b87d5ec118047011dd9"),
2707                "firstName" : "Mary",
2708                "lastName" : "Smith",
2709                "age" : 22,
2710                "Address" : {
2711                        "streetAddress" : "180 River Rd",
2712                        "city" : "Lisbon",
2713                        "state" : "CT",
2714                        "postalCode" : 6351
2715                },
2716                "phoneNumber" : [
2717                        {
2718                                "type" : "home",
2719                                "number" : 9806068527
2720                        },
2721                        {
2722                                "type" : "fax",
2723                                "number" : 3219935317
```

```json
                        }
                ],
                "emailAddress" : [
                        "Mary@gamil.com",
                        "SMary@gmail.com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011ddb"),
                "firstName" : "Lilly",
                "lastName" : "Martinez",
                "age" : 22,
                "Address" : {
                        "streetAddress" : "591 Memorial Dr",
                        "city" : "Chicopee",
                        "state" : "MA",
                        "postalCode" : 1020
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
                                "number" : 1723748378
                        },
                        {
                                "type" : "fax",
                                "number" : 3294228998
                        }
                ],
                "emailAddress" : [
                        "Lilly@gamil.com",
                        "MLilly@gmail.com",
                        "LillyM@gmail.com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011ddd"),
                "firstName" : "Kamilah",
                "lastName" : "Earhart",
                "age" : 32,
                "Address" : {
                        "streetAddress" : "297 Grant Avenue",
                        "city" : "Auburn",
                        "state" : "NY",
                        "postalCode" : 13021
                },
                "phoneNumber" : [
                        {
                                "type" : "home",
                                "number" : 7360386487
                        },
                        {
                                "type" : "fax",
                                "number" : 8330942524
                        }
                ],
                "emailAddress" : [
                        "Kamilah@gamil.com",
                        "EKamlish@gmail.com",
                        "KamilahEar@gmail,com"
                ]
        }
        {
                "_id" : ObjectId("60bb5b87d5ec118047011dde"),
                "firstName" : "Alise",
                "lastName" : "Pickrell",
                "age" : 29,
                "Address" : {
                        "streetAddress" : "4133 Veterans Memorial",
                        "city" : "Batavia",
```

```
                                  "state" : "NY",
                                  "postalCode" : 14020
                  },
                  "phoneNumber" : [
                          {
                                  "type" : "home",
                                  "number" : 8564397599
                          },
                          {
                                  "type" : "fax",
                                  "number" : 5426189495
                          },
                          {
                                  "type" : "Mobile",
                                  "number" : 3314579129
                          }
                  ],
                  "emailAddress" : [
                          "AliseP@gamil.com",
                          "PAlise@gmail.com"
                  ]
          }
          {
                  "_id" : ObjectId("60bb5b87d5ec118047011ddf"),
                  "firstName" : "Leticia",
                  "lastName" : "Wrobel",
                  "age" : 33,
                  "Address" : {
                          "streetAddress" : "337 Russell St",
                          "city" : "Hadley",
                          "state" : "MA",
                          "postalCode" : 1035
                  },
                  "phoneNumber" : [
                          {
                                  "type" : "home",
                                  "number" : 1659846658
                          },
                          {
                                  "type" : "fax",
                                  "number" : 3502899930
                          },
                          {
                                  "type" : "Mobile",
                                  "number" : 8437087134
                          }
                  ],
                  "emailAddress" : [
                          "Leticia@gamil.com",
                          "WLeticia@gmail.com",
                          "WrobelL@gmail,com"
                  ]
          }
          {
                  "_id" : ObjectId("60bb5b87d5ec118047011de0"),
                  "firstName" : "Caridad",
                  "lastName" : "Kendall",
                  "age" : 34,
                  "Address" : {
                          "streetAddress" : "6265 Brockport",
                          "city" : "Brockport",
                          "state" : "NY",
                          "postalCode" : 14420
                  },
                  "phoneNumber" : [
                          {
                                  "type" : "home",
                                  "number" : 8602583403
                          },
```

```
                    {
                            "type" : "fax",
                            "number" : 4326828684
                    }
            ],
            "emailAddress" : [
                    "Caridad@gamil.com",
                    "CaridadK@gmail.com"
            ]
    }
    {
            "_id" : ObjectId("60bb5b87d5ec118047011de1"),
            "firstName" : "Michele",
            "lastName" : "Gault",
            "age" : 36,
            "Address" : {
                    "streetAddress" : "5399 W Genesse St",
                    "city" : "Camillus",
                    "state" : "NY",
                    "postalCode" : 13031
            },
            "phoneNumber" : [
                    {
                            "type" : "home",
                            "number" : 6125582162
                    },
                    {
                            "type" : "fax",
                            "number" : 935992552
                    },
                    {
                            "type" : "Mobile",
                            "number" : 395710776
                    }
            ],
            "emailAddress" : [
                    "MichaelG@gamil.com",
                    "GMichele@gmail.com",
                    "GaultM@gmail,com"
            ]
    }
    {
            "_id" : ObjectId("60bb5b87d5ec118047011de2"),
            "firstName" : "Azalee",
            "lastName" : "Racey",
            "age" : 31,
            "Address" : {
                    "streetAddress" : "3191 County rd 10",
                    "city" : "Canandaigua",
                    "state" : "NY",
                    "postalCode" : 14424
            },
            "phoneNumber" : [
                    {
                            "type" : "home",
                            "number" : 8268801323
                    },
                    {
                            "type" : "fax",
                            "number" : 9568588641
                    },
                    {
                            "type" : "Mobile",
                            "number" : 7806366159
                    }
            ],
            "emailAddress" : [
                    "AzaleeR@gamil.com",
                    "RAzalee@gmail.com"
```

```
2931            ]
2932    }
2933    {
2934            "_id" : ObjectId("60bb5b87d5ec118047011de3"),
2935            "firstName" : "Kathlyn",
2936            "lastName" : "Hackenberg",
2937            "age" : 31,
2938            "Address" : {
2939                    "streetAddress" : "20 Soojian Dr",
2940                    "city" : "Leicester",
2941                    "state" : "MA",
2942                    "postalCode" : 1524
2943            },
2944            "phoneNumber" : [
2945                    {
2946                            "type" : "home",
2947                            "number" : 4131667434
2948                    },
2949                    {
2950                            "type" : "fax",
2951                            "number" : 4051166104
2952                    }
2953            ],
2954            "emailAddress" : [
2955                    "Kathlyn@gamil.com",
2956                    "HKathlyn@gmail.com"
2957            ]
2958    }
2959    {
2960            "_id" : ObjectId("60bb5b87d5ec118047011de4"),
2961            "firstName" : "Edie",
2962            "lastName" : "Burstein",
2963            "age" : 38,
2964            "Address" : {
2965                    "streetAddress" : "30 Catskill",
2966                    "city" : "Catskill",
2967                    "state" : "NY",
2968                    "postalCode" : 12414
2969            },
2970            "phoneNumber" : [
2971                    {
2972                            "type" : "home",
2973                            "number" : 2601886547
2974                    },
2975                    {
2976                            "type" : "fax",
2977                            "number" : 2999933858
2978                    }
2979            ],
2980            "emailAddress" : [
2981                    "Edie@gamil.com",
2982                    "BEdie@gmail.com",
2983                    "BursteinE@gmail,com"
2984            ]
2985    }
2986    {
2987            "_id" : ObjectId("60bb5b87d5ec118047011de5"),
2988            "firstName" : "Will",
2989            "lastName" : "Strout",
2990            "age" : 36,
2991            "Address" : {
2992                    "streetAddress" : "11 Jungle Road",
2993                    "city" : "Leominster",
2994                    "state" : "MA",
2995                    "postalCode" : 1453
2996            },
2997            "phoneNumber" : [
2998                    {
2999                            "type" : "home",
```

```
                              "number" : 976463661
                      },
                      {
                              "type" : "fax",
                              "number" : 8685337904
                      },
                      {
                              "type" : "Mobile",
                              "number" : 9809039510
                      }
              ],
              "emailAddress" : [
                      "Will@gamil.com",
                      "SWill@gmail.com"
              ]
      }
      {
              "_id" : ObjectId("60bb5b87d5ec118047011de6"),
              "firstName" : "Cesar",
              "lastName" : "Bannon",
              "age" : 34,
              "Address" : {
                      "streetAddress" : "161 Centereach Mall",
                      "city" : "Centereach",
                      "state" : "NY",
                      "postalCode" : 11720
              },
              "phoneNumber" : [
                      {
                              "type" : "home",
                              "number" : 8803053048
                      },
                      {
                              "type" : "fax",
                              "number" : 8337163141
                      },
                      {
                              "type" : "Mobile",
                              "number" : 9735653616
                      }
              ],
              "emailAddress" : [
                      "Cesar@gamil.com",
                      "BCesar@gmail.com"
              ]
      }
      {
              "_id" : ObjectId("60bb5b87d5ec118047011de7"),
              "firstName" : "Hanna",
              "lastName" : "Voliva",
              "age" : 30,
              "Address" : {
                      "streetAddress" : "780 Lynnway",
                      "city" : "Lynn",
                      "state" : "MA",
                      "postalCode" : 1905
              },
              "phoneNumber" : [
                      {
                              "type" : "home",
                              "number" : 4041954879
                      },
                      {
                              "type" : "fax",
                              "number" : 2490539545
                      }
              ],
              "emailAddress" : [
                      "Hanna@gamil.com",
```

```
3069                 "VHanna@gmail.com",
3070                 "VolivaHanna@gmail,com"
3071         ]
3072  }
3073  {
3074         "_id" : ObjectId("60bb5b87d5ec118047011de8"),
3075         "firstName" : "Yuonne",
3076         "lastName" : "Gingerich",
3077         "age" : 22,
3078         "Address" : {
3079                 "streetAddress" : "3018 East Ave",
3080                 "city" : "Central Square",
3081                 "state" : "NY",
3082                 "postalCode" : 13036
3083         },
3084         "phoneNumber" : [
3085                 {
3086                         "type" : "home",
3087                         "number" : 2990731778
3088                 },
3089                 {
3090                         "type" : "fax",
3091                         "number" : 4631531140
3092                 },
3093                 {
3094                         "type" : "Mobile",
3095                         "number" : 8829936546
3096                 }
3097         ],
3098         "emailAddress" : [
3099                 "Yuonne@gamil.com",
3100                 "GYuonne@gmail.com"
3101         ]
3102  }
3103  {
3104         "_id" : ObjectId("60bb5b87d5ec118047011de9"),
3105         "firstName" : "Jackie",
3106         "lastName" : "Wolfenbarger",
3107         "age" : 22,
3108         "Address" : {
3109                 "streetAddress" : "100 Thruway Plaza",
3110                 "city" : "Cheektowaga",
3111                 "state" : "NY",
3112                 "postalCode" : 14225
3113         },
3114         "phoneNumber" : [
3115                 {
3116                         "type" : "home",
3117                         "number" : 6822716568
3118                 },
3119                 {
3120                         "type" : "fax",
3121                         "number" : 7965807774
3122                 }
3123         ],
3124         "emailAddress" : [
3125                 "Jackie@gamil.com",
3126                 "WJackie@gmail.com"
3127         ]
3128  }
3129
3130
3131
3132  ------------------------------------------------------------------
3133
3134  Display only two Documents
3135  > db.Customer.find().pretty().limit(2)
3136  {
3137         "_id" : ObjectId("60bb5b87d5ec118047011dd4"),
```

```
 3138           "firstName" : "Michael",
 3139           "lastName" : "Smith",
 3140           "age" : 21,
 3141           "Address" : {
 3142                   "streetAddress" : "279 Troy Road",
 3143                   "city" : "East Greenbush",
 3144                   "state" : "NY",
 3145                   "postalCode" : 12061
 3146           },
 3147           "phoneNumber" : [
 3148                   {
 3149                           "type" : "home",
 3150                           "number" : 9808191199
 3151                   },
 3152                   {
 3153                           "type" : "fax",
 3154                           "number" : 7797374941
 3155                   }
 3156           ],
 3157           "emailAddress" : [
 3158                   "MichS@gamil.com",
 3159                   "SMich@gmail.com"
 3160           ]
 3161  }
 3162  {
 3163           "_id" : ObjectId("60bb5b87d5ec118047011dd5"),
 3164           "firstName" : "Robert",
 3165           "lastName" : "Smith",
 3166           "age" : 22,
 3167           "Address" : {
 3168                   "streetAddress" : "1400 Farmington Ave",
 3169                   "city" : "Bristol",
 3170                   "state" : "CT",
 3171                   "postalCode" : 6010
 3172           },
 3173           "phoneNumber" : [
 3174                   {
 3175                           "type" : "home",
 3176                           "number" : 1761266808
 3177                   },
 3178                   {
 3179                           "type" : "fax",
 3180                           "number" : 9841911399
 3181                   }
 3182           ],
 3183           "emailAddress" : [
 3184                   "Robert@gamil.com",
 3185                   "SRob@gmail.com"
 3186           ]
 3187  }
 3188
 3189
 3190
 3191  ------------------------------------------------------------------------
 3192
 3193  Drop Document
 3194  > db.Customer.drop()
 3195  true
 3196  >
 3197  >
 3198  >
```