

Tutorial #1:

```
1. JavaScript Shell
The first thing to notice is that the MongoDB shell is JavaScript-based.
So you can do things like:
  a = 5;
  a * 10;
  for(i=0; i<10; i++) { print('hello'); };
Try a few JS commands; when you're ready to move on, enter 'next'
> a = 5;
> a * 10;

> for(i=0;i<10;i++){print('hello');};
hello
hello
hello
hello
hello
hello
hello
hello
```

Tutorial #2:

```
> var savelama = {name:'Matt', age:22, languages:['c','python','php']};
{
  "name" : "Matt",
  "age" : 22,
  "languages" : [ "c", "python", "php" ]
}
> var liverno3 = {name:'Julie', age:22, languages:[]};
{
  "name" : "Julie",
  "age" : 22,
  "languages" : [ ]
}
> var mill2121 = {name:'Eric', age:22, languages:['c', 'c#', 'python']};
{
  "name" : "Eric",
  "age" : 22,
  "languages" : [ "c", "c#", "python" ]
}
```

Tutorial #3:

```
"ok"
> db.scores.find();

[
]
> db.students.find();

[
  { "name" : "Matt", "_id" : { "$oid" : "51491502cc93742c160354a6" }, "languages" : [ "c",
"python", "php" ], "age" : 22 },
  { "name" : "Eric", "_id" : { "$oid" : "5149150bcc93742c160354a7" }, "languages" : [ "c", "c#",
"python" ], "age" : 22 },
  { "name" : "Julie", "_id" : { "$oid" : "51491511cc93742c160354a8" }, "languages" : [ ], "age" :
22 }
]
> |
```

Tutorial #4:

```
(enter 'next' when you're ready)
> db.scores.save({name:'Julie',a:22,exam:92});
"ok"
> db.scores.save({name:'Eric',a:22,exam:98});
"ok"
> db.scores.save({name:'Matt',a:23,exam:94});
"ok"
> db.scores.find();

[
  { "name" : "Julie", "exam" : 92, "a" : 22, "_id" : { "$oid" : "514915c7cc93742c160354be" } },
  { "name" : "Eric", "exam" : 98, "a" : 22, "_id" : { "$oid" : "514915e6cc93742c160354bf" } },
  { "name" : "Matt", "exam" : 94, "a" : 23, "_id" : { "$oid" : "514915f9cc93742c160354c0" } }
]
>
```

Tutorial #5:

```
db.scores.find({a: 2});

Or what about documents where a > 15?
db.scores.find({a: {'$gt': 15}});

> db.scores.find({exam: {'$gt': 93}});

[
  { "name" : "Eric",   "exam" : 98,   "a" : 22,   "_id" : { "$oid" : "514915e6cc93742c160354bf" } },
  { "name" : "Matt",  "exam" : 94,   "a" : 23,   "_id" : { "$oid" : "514915f9cc93742c160354c0" } }
]

> db.scores.find({exam: {'$lt': 93}});

[
  { "name" : "Julie",  "exam" : 92,   "a" : 22,   "_id" : { "$oid" : "514915c7cc93742c160354be" } }
]

>
```