
A Tiny MongoDB **Browser Shell**
Just enough to scratch the surface (mini tutorial included)
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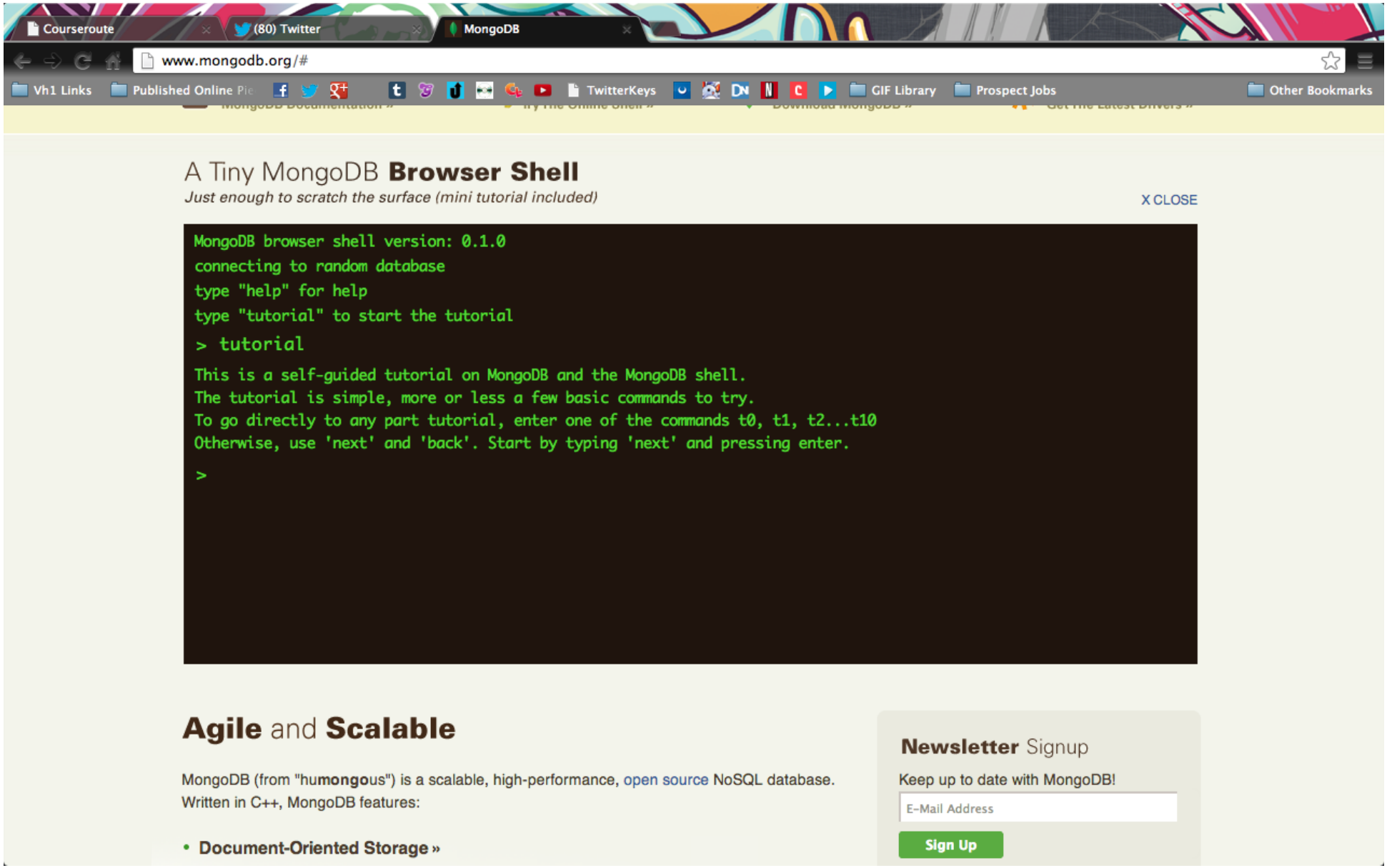
MongoDB browser shell version: 0.1.0
connecting to random database
type "help" for help
type "tutorial" to start the tutorial
>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This is a self-guided tutorial on MongoDB and the MongoDB shell.
The tutorial is simple, more or less a few basic commands to try.
To go directly to any part tutorial, enter one of the commands t0, t1, t2...t10
Otherwise, use 'next' and 'back'. Start by typing 'next' and pressing enter.
>
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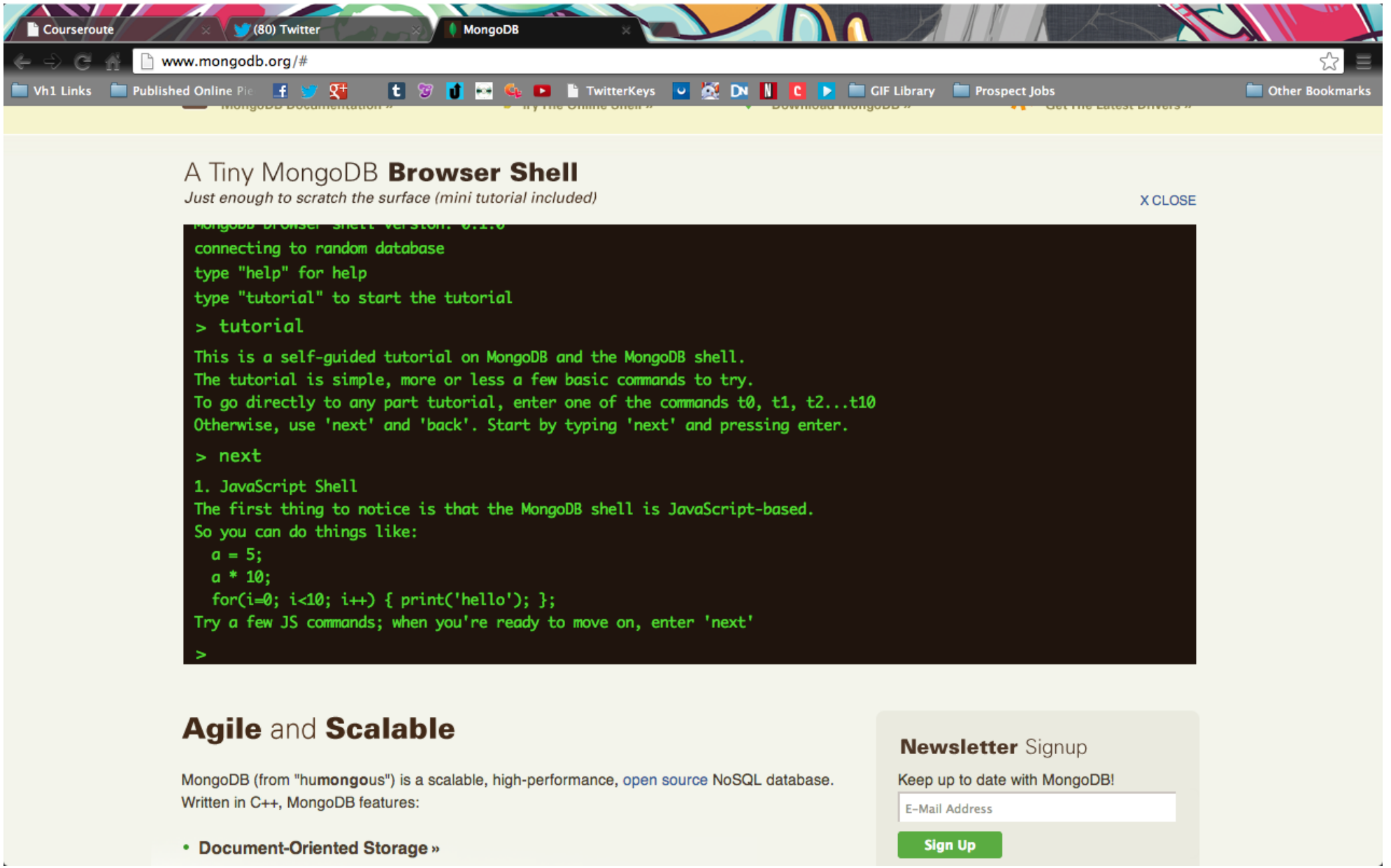
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1. JavaScript Shell
The first thing to notice is that the MongoDB shell is JavaScript-based.
So you can do things like:
a = 5;
a * 10;
for(i=0; i<10; i++) { print('hello'); };
Try a few JS commands; when you're ready to move on, enter 'next'
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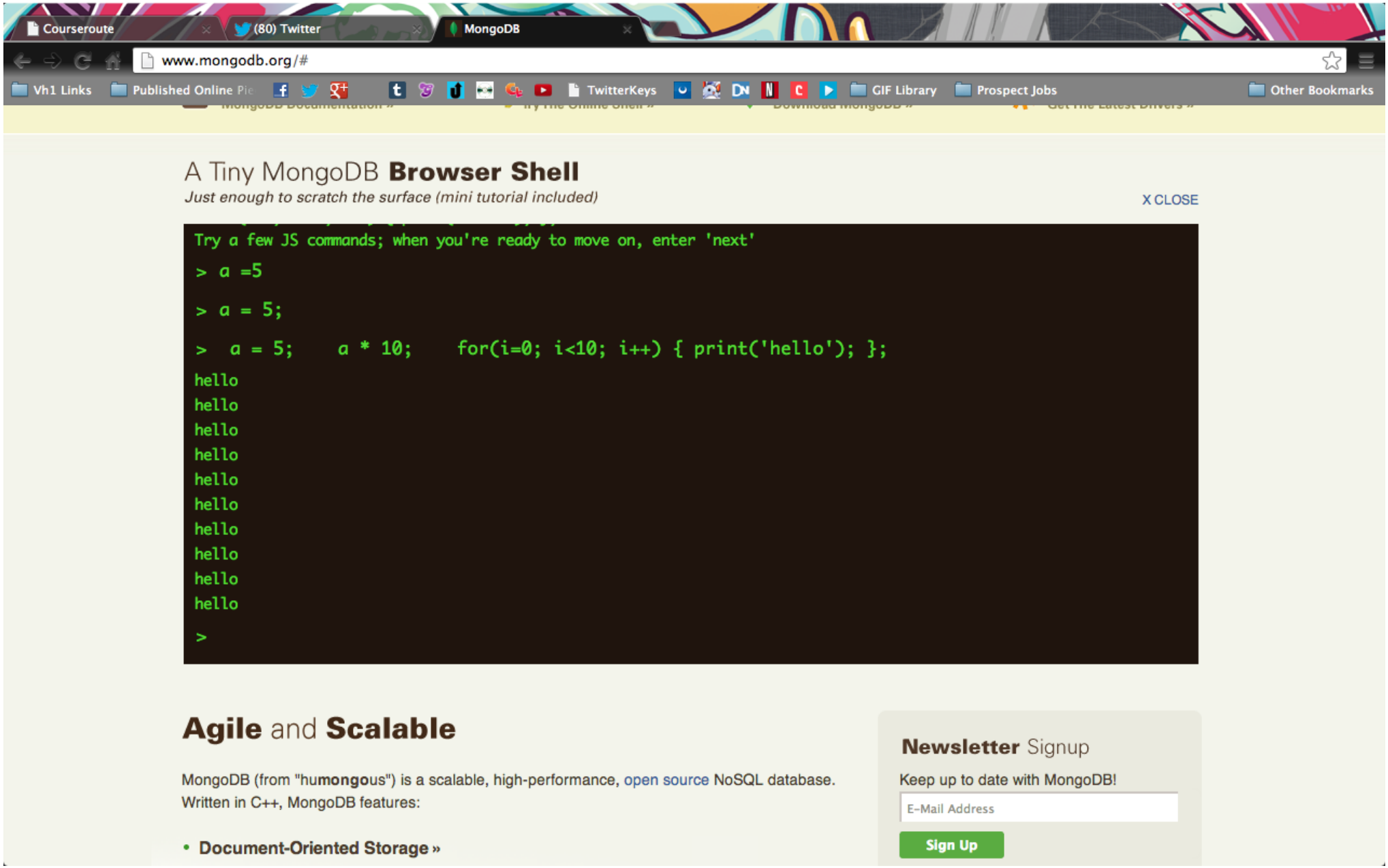
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> a =5
> a = 5;
> a = 5; a * 10; for(i=0; i<10; i++) { print('hello'); };
hello
hello
hello
hello
hello
hello
hello
hello
hello
hello
>
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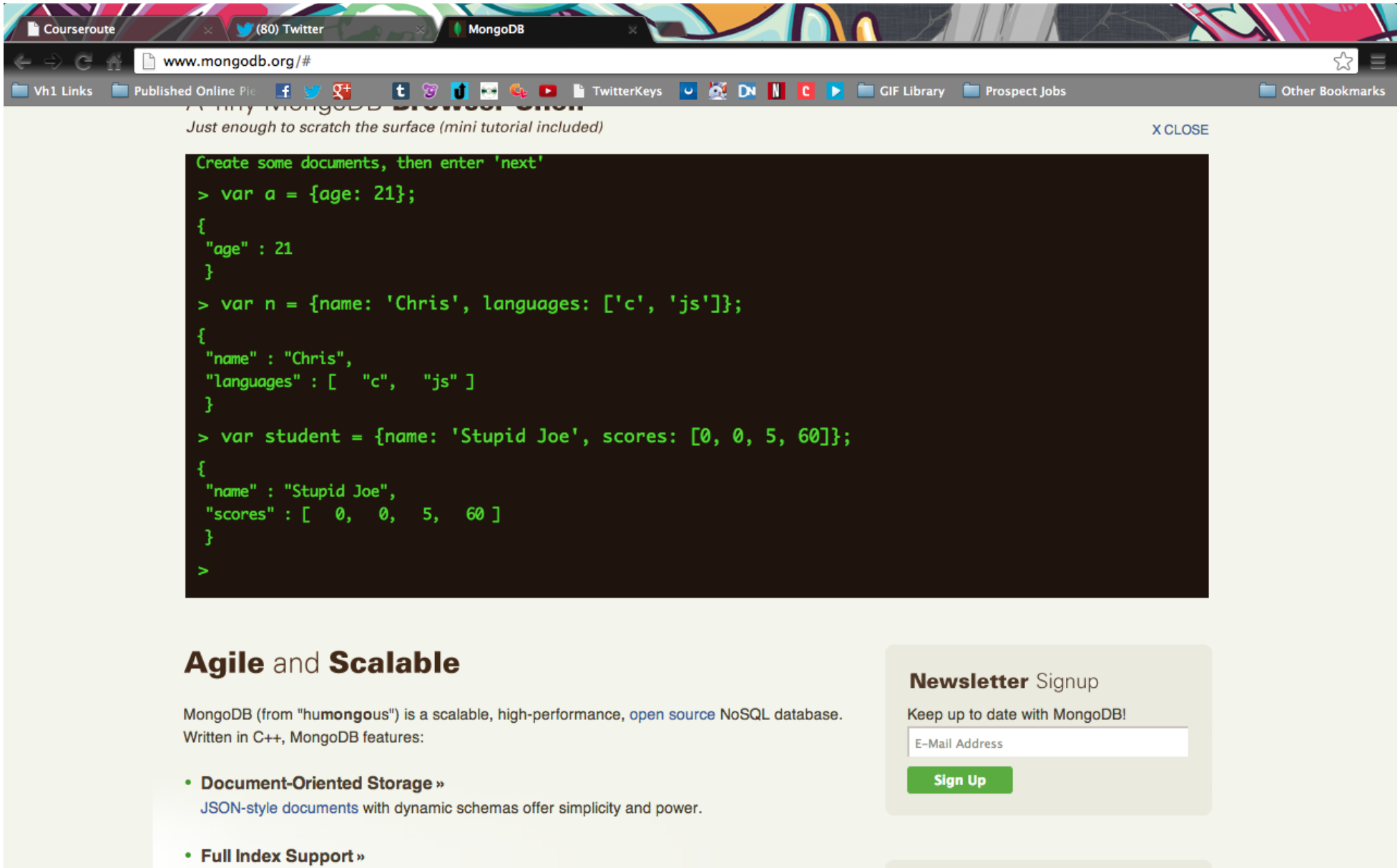
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Create some documents, then enter 'next'
> var a = {age: 21};
{
"age" : 21
}
> var n = {name: 'Chris', languages: ['c', 'js']};
{
"name" : "Chris",
"languages" : ["c", "js"]
}
> var student = {name: 'Stupid Joe', scores: [0, 0, 5, 60]};
{
"name" : "Stupid Joe",
"scores" : [0, 0, 5, 60]
}
>
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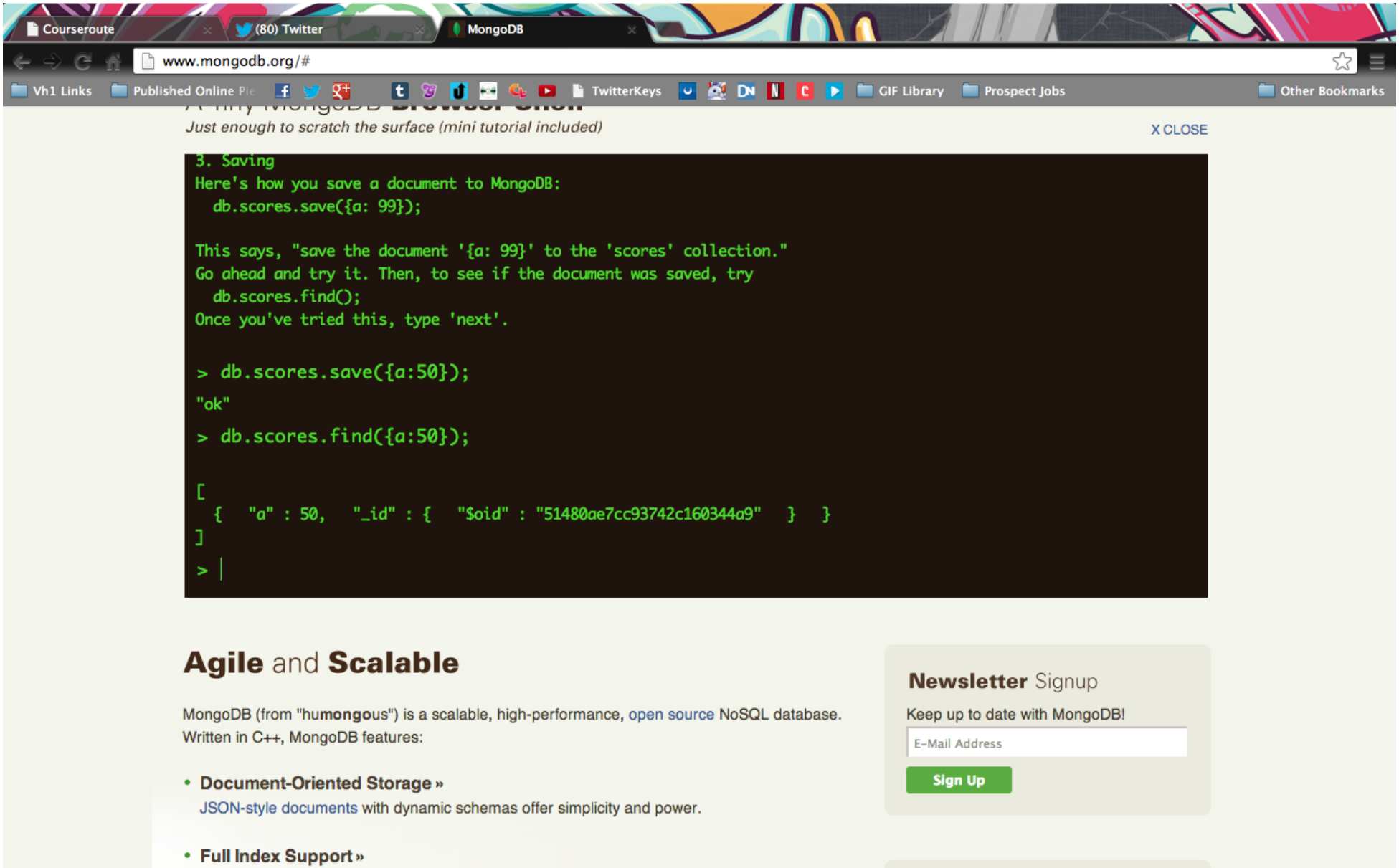
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3. Saving
Here's how you save a document to MongoDB:
db.scores.save({a: 99});
This says, "save the document '{a: 99}' to the 'scores' collection."
Go ahead and try it. Then, to see if the document was saved, try
db.scores.find();
Once you've tried this, type 'next'.
> db.scores.save({a:50});
"ok"
> db.scores.find({a:50});
[
{ "a" : 50, "_id" : { "$oid" : "51480ae7cc93742c160344a9" } }
]
>
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[
{ "a" : 50, "_id" : { "$oid" : "51480ae7cc93742c160344a9" } }
]
> next
4. Saving and Querying
Try adding some documents to the scores collection:
for(i=0; i<10; i++) { db.scores.save({a: i, exam: 5}) };
Try that, then enter
db.scores.find();
to see if the save succeeded. Since the shell only displays 10 results at time,
you'll need to enter the 'it' command to iterate over the rest.
(enter 'next' when you're ready)
> for(i=0; i<10; i++) { db.scores.save({a: i, exam: 5}) };
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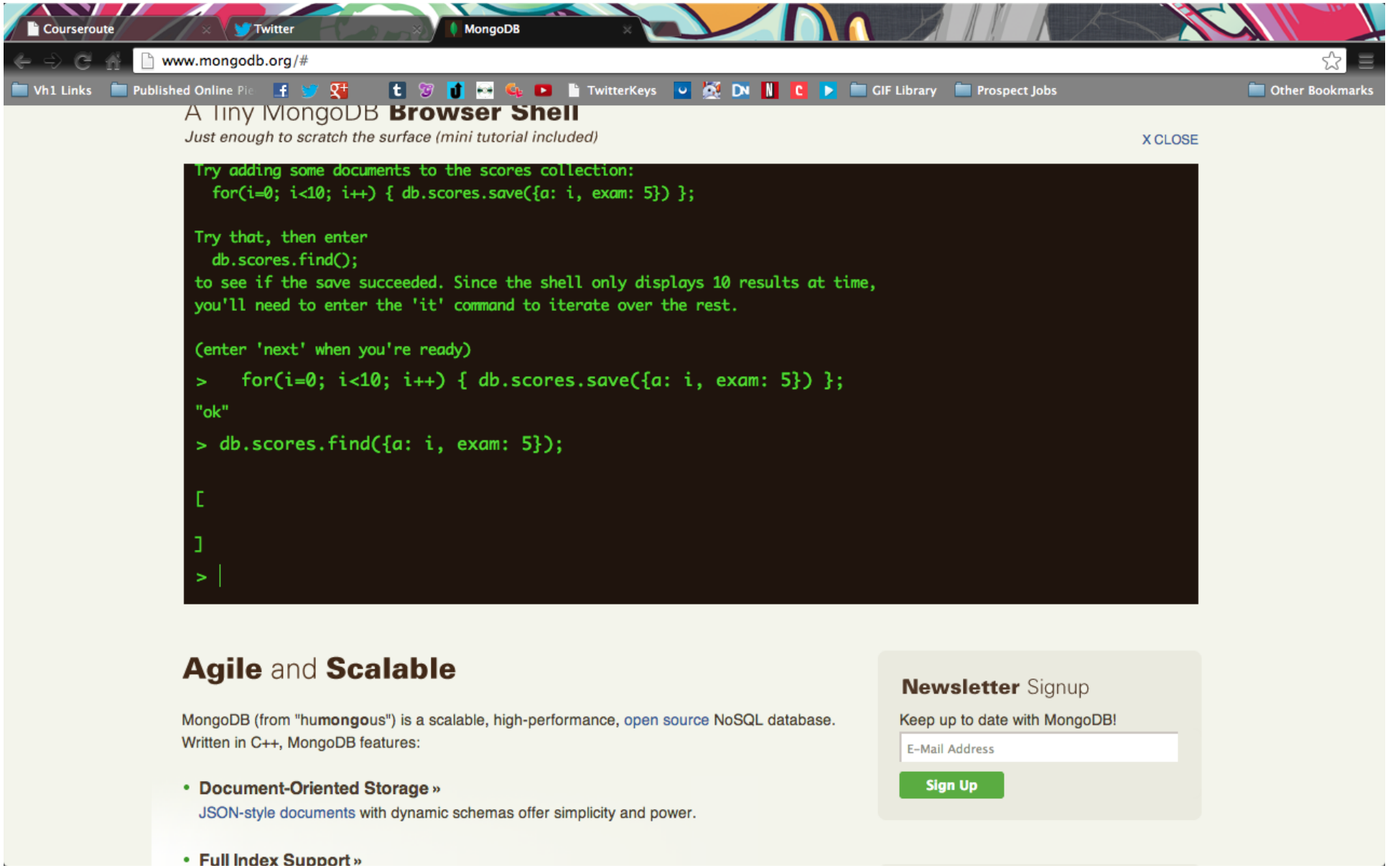
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"ok"
> db.scores.find({a: i, exam: 5});
[
]
>
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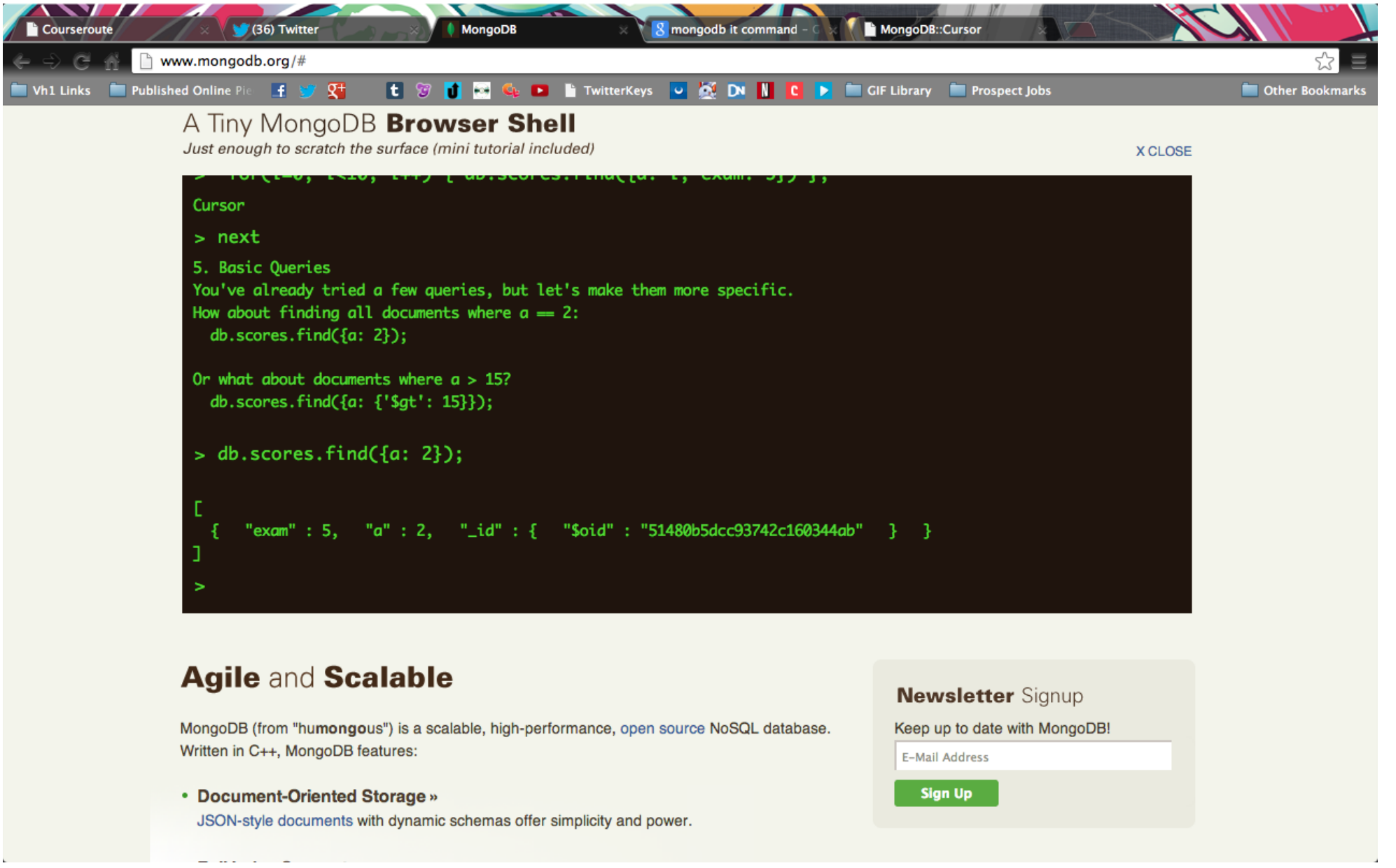
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5. Basic Queries
You've already tried a few queries, but let's make them more specific.
How about finding all documents where a == 2:
db.scores.find({a: 2});
Or what about documents where a > 15?
db.scores.find({a: {'$gt': 15}});
> db.scores.find({a: 2});
[
{ "exam" : 5, "a" : 2, "_id" : { "$oid" : "51480b5dcc93742c160344ab" } }
]
>
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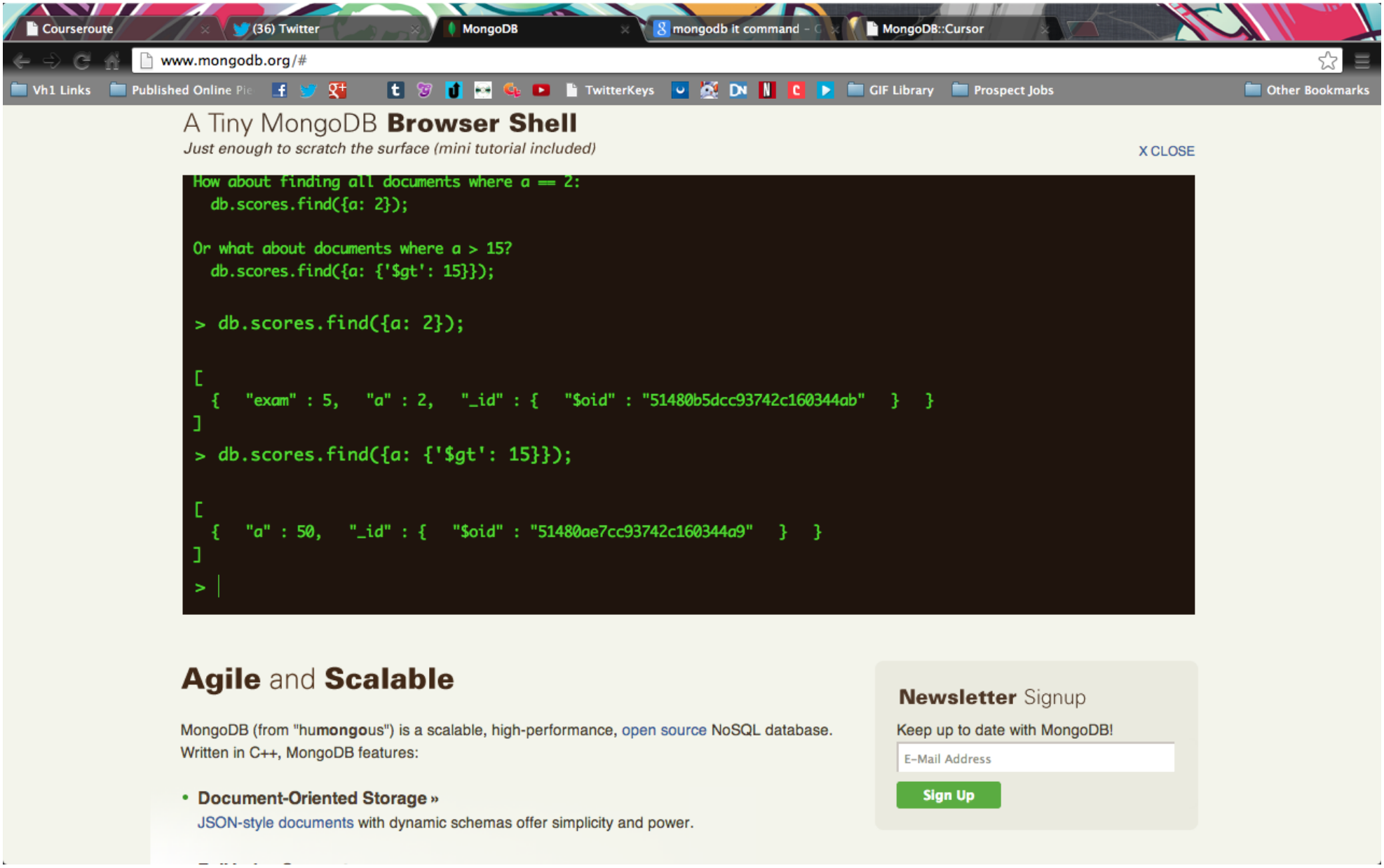
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