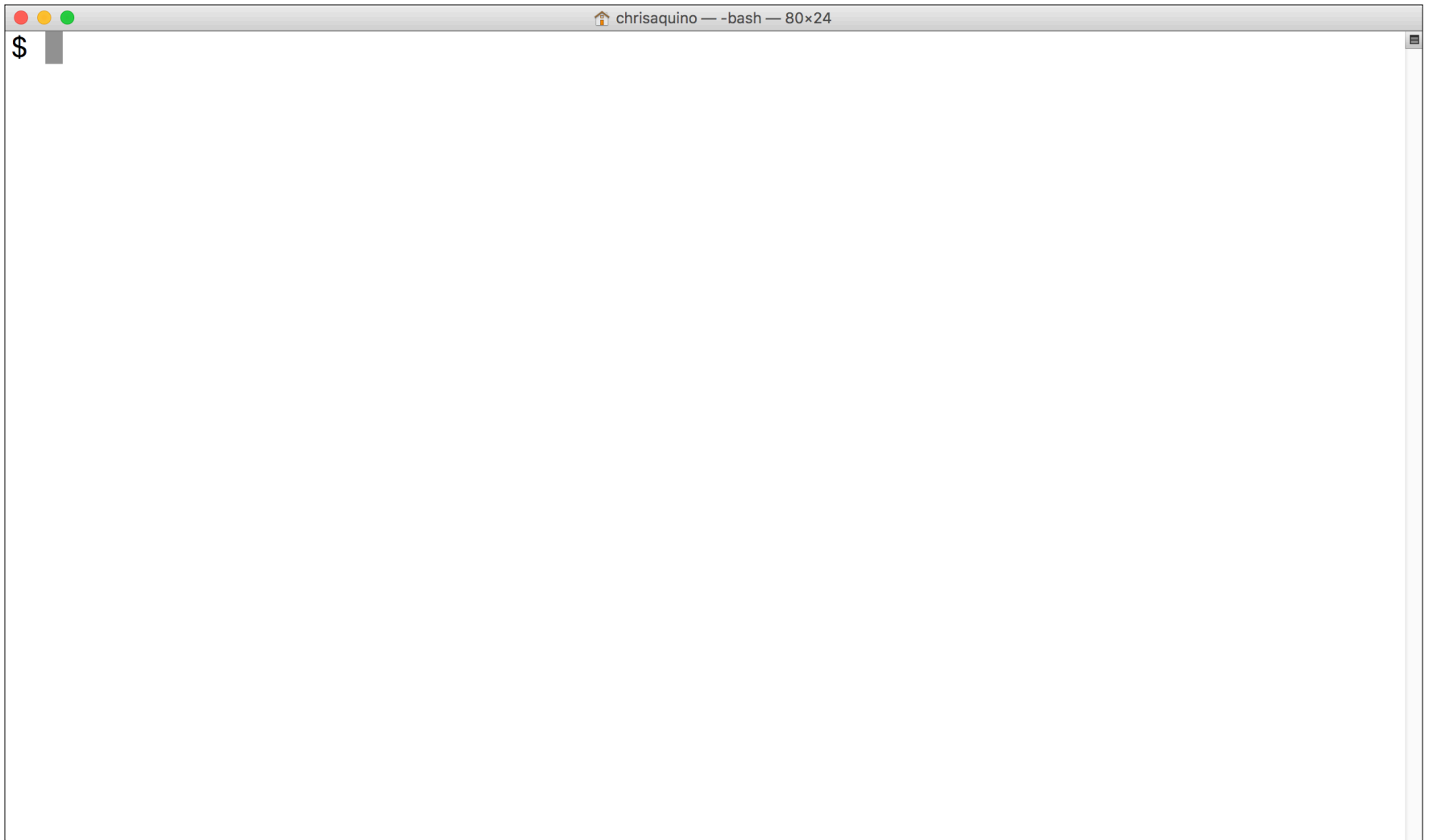


Speaking Python





```
chrisaquino — IPython: Users/chrisaquino — ipython — 80x24
$ ipython
Python 2.7.13 |Anaconda 4.4.0 (x86_64)| (default, Dec 20 2016, 23:05:08)
Type "copyright", "credits" or "license" for more information.

IPython 5.3.0 -- An enhanced Interactive Python.
?                -> Introduction and overview of IPython's features.
%quickref        -> Quick reference.
help             -> Python's own help system.
object?         -> Details about 'object', use 'object??' for extra details.

In [1]: █
```

Let's talk to python!

command



```
print 'Hello World!'
```

text

```
[In [2]: print 'Hello', 'Builders!', 'How', 'are', 'you?'  
Hello Builders! How are you?
```

```
print 'Hello World!'
```



```
Hello World!
```

Does this look
familiar?

command



```
print 'Hello World!'
```

text

statement

```
print 'Hello World!'
```

command



```
print 'Hello World!'
```

text

command



```
print 'Hello World!'
```

~~text~~ *string*

Strings

```
[In [11]: print 'How's it going? ']
```

```
[In [11]: print 'How's it going?'  
File "<ipython-input-11-2e8daceec626>", line 1  
    print 'How's it going?'  
          ^
```

SyntaxError: invalid syntax

'How's it going?'

Yep!



'How's it going?'



Nope.

"How's it going?"

'How\'s it going?'

'''How's it going?'''

"""How's it going?"""

```
[In [10]: print """How's it...  
          ...: "going"...?  
          ...: """]  
How's it...  
"going"...?
```

Demo: concatenation

Demo: string length

Demo: quitting ipython