CPSC 473 -01
Assignment 6 Solution
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1. Screenshots of TryRedis: (finishing TryRedis, and the result of keys *)

* TRY REDIS *

> NEXT

That wraps up the *Try Redis* tutorial. Please feel free to goof around with this console as much as you'd like.

Check out the following links to continue learning about Redis.

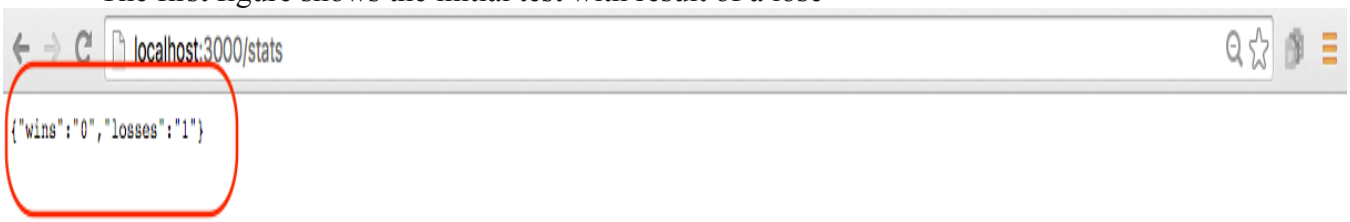
- Redis Documentation
- Command Reference
- Implement a Twitter Clone in Redis
- Introduction to Redis Data Types

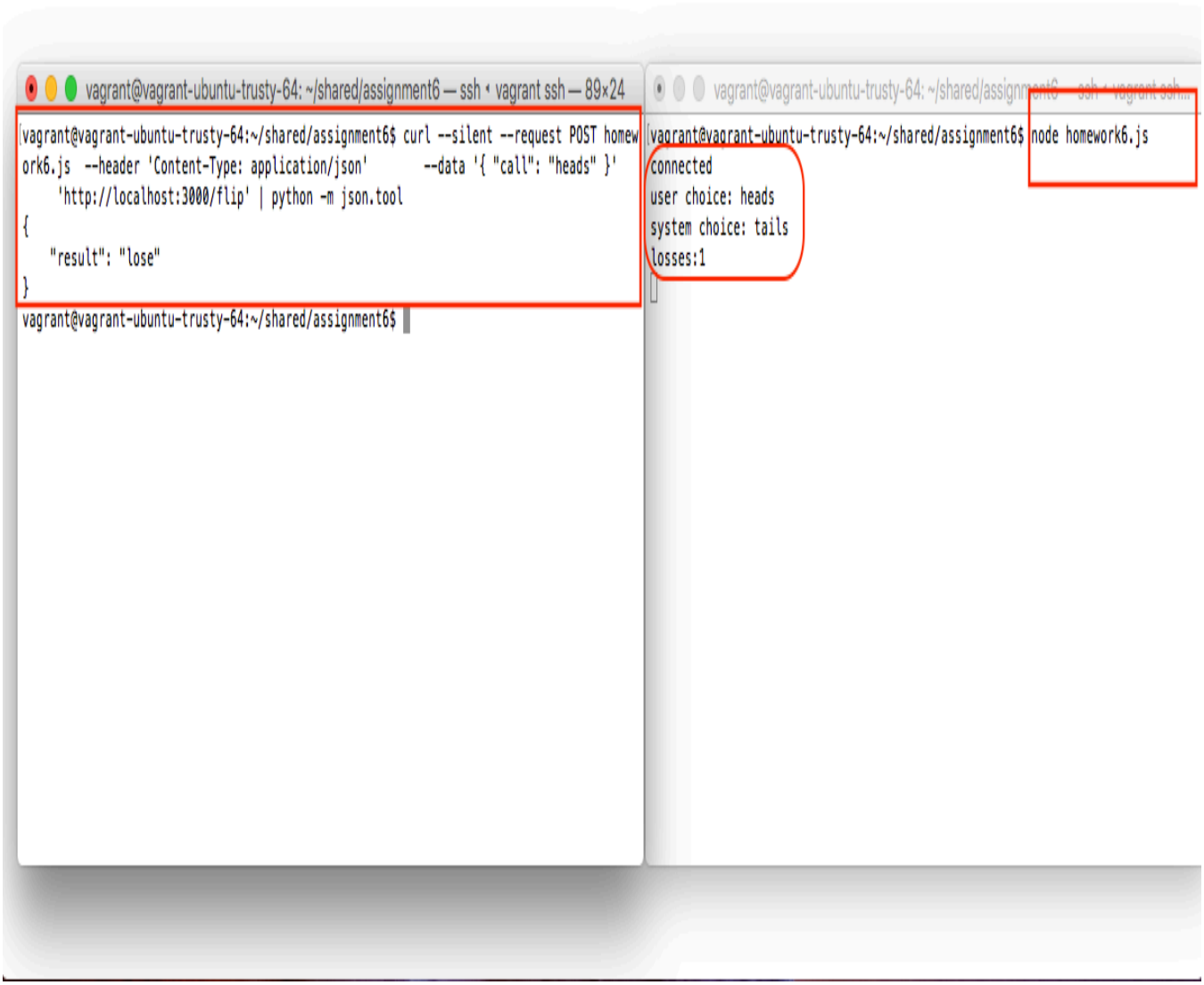
```
> keys *

1) "friends"
2) "superpowers"
3) "connections"
4) "hackers"
5) "birdpowers"
6) "user:1001"
7) "resource:lock"
8) "server:name"
9) "user:1000"
```

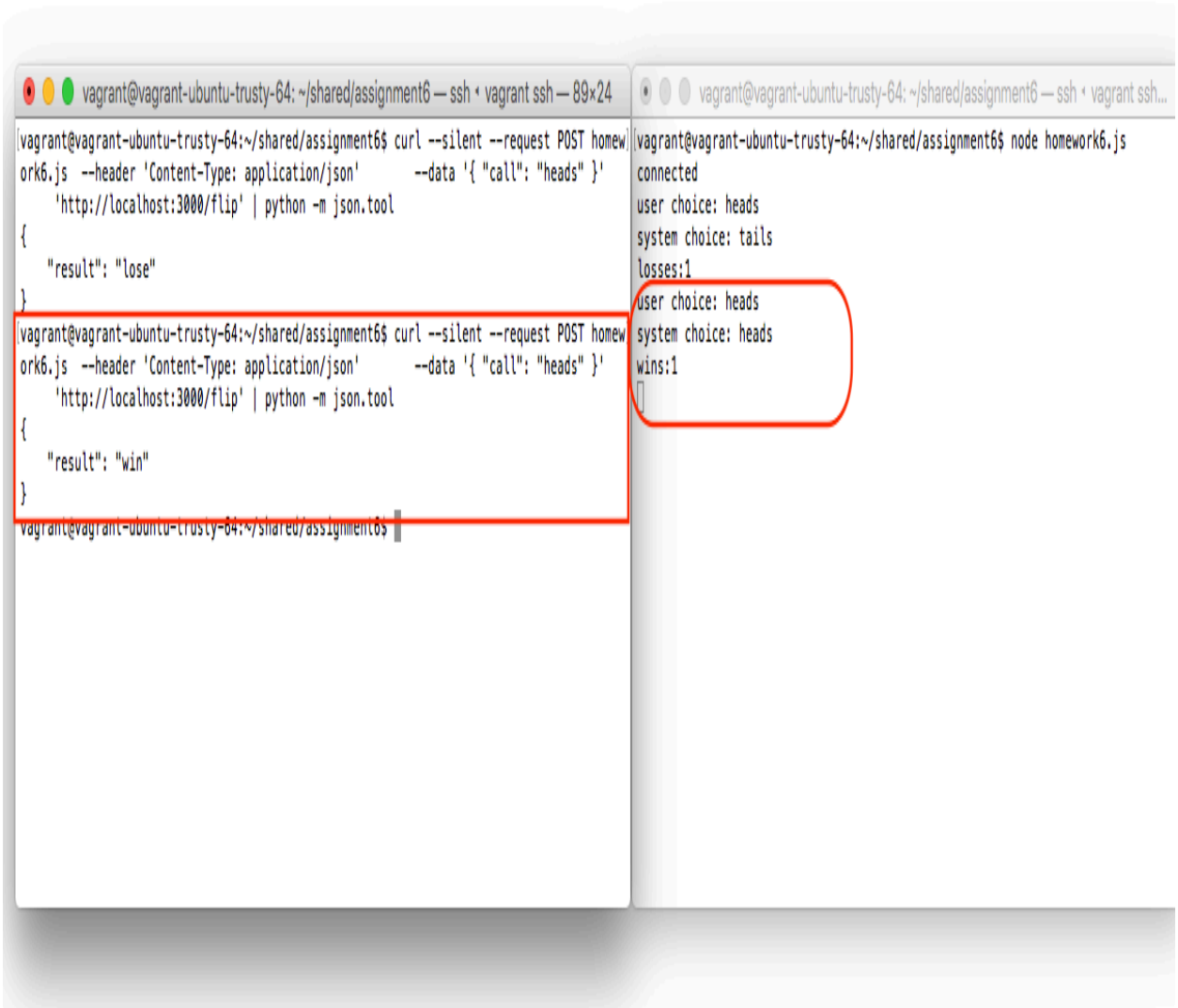
>

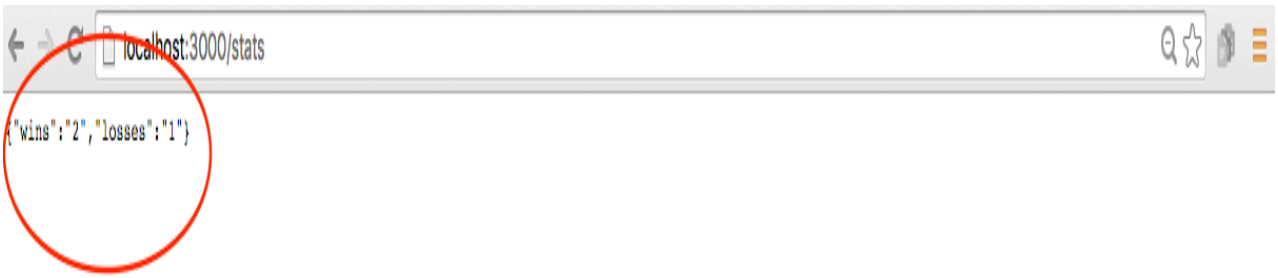
2. Screenshots of server in action:
   The first figure shows the initial test with result of a lose





The second and third figure shows the result of a series of tests:




localhost:3000/stats
{"wins":"2","losses":"1"}

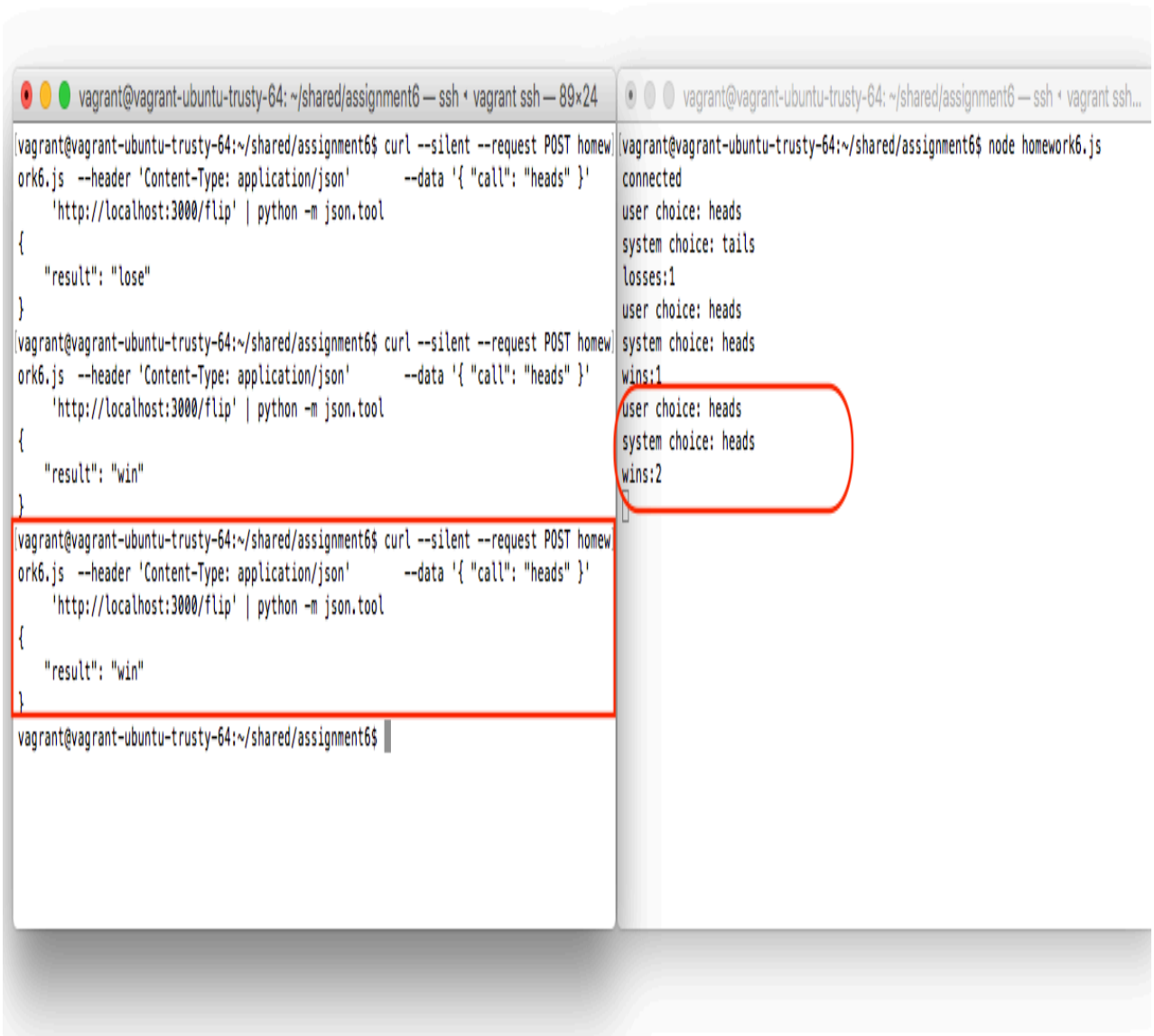

vagrant@vagrant-ubuntu-trusty-64: ~/shared/assignment6 — ssh ‹ vagrant ssh — 89×24
vagrant@vagrant-ubuntu-trusty-64:~/shared/assignment6$ curl --silent --request POST homew
ork6.js --header 'Content-Type: application/json' --data '{ "call": "heads" }'
'http://localhost:3000/flip' | python -m json.tool
{
"result": "lose"
}
vagrant@vagrant-ubuntu-trusty-64:~/shared/assignment6$ curl --silent --request POST homew
ork6.js --header 'Content-Type: application/json' --data '{ "call": "heads" }'
'http://localhost:3000/flip' | python -m json.tool
{
"result": "win"
}
vagrant@vagrant-ubuntu-trusty-64:~/shared/assignment6$ curl --silent --request POST homew
ork6.js --header 'Content-Type: application/json' --data '{ "call": "heads" }'
'http://localhost:3000/flip' | python -m json.tool
{
"result": "win"
}
vagrant@vagrant-ubuntu-trusty-64:~/shared/assignment6$
vagrant@vagrant-ubuntu-trusty-64: ~/shared/assignment6 — ssh ‹ vagrant ssh...
vagrant@vagrant-ubuntu-trusty-64:~/shared/assignment6$ node homework6.js
connected
user choice: heads
system choice: tails
losses:1
user choice: heads
system choice: heads
wins:1
user choice: heads
system choice: heads
wins:2

Figure 4 shows that the results will persist even if we restart node.js

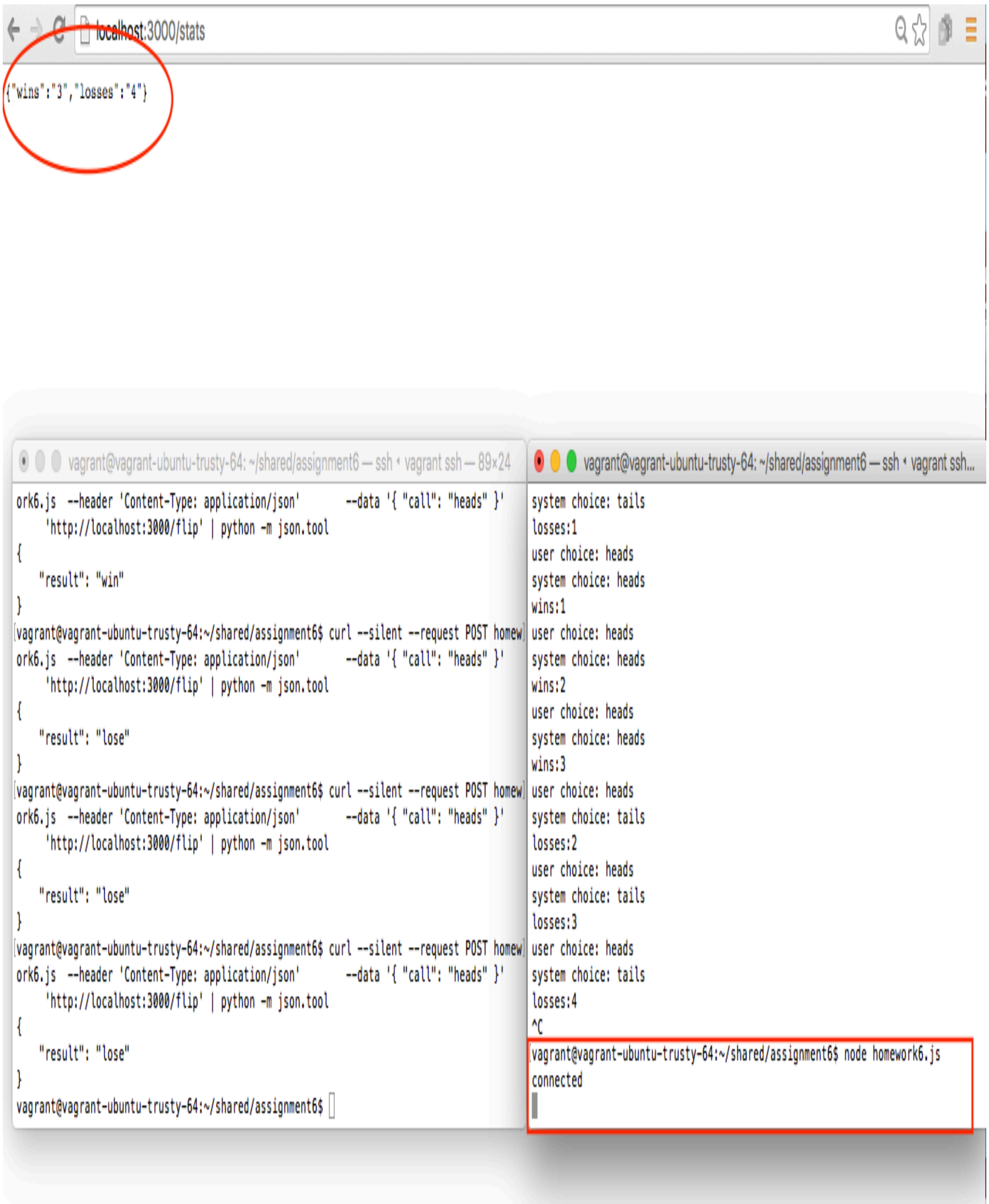


Figure 5 shows the results after restarting node.js

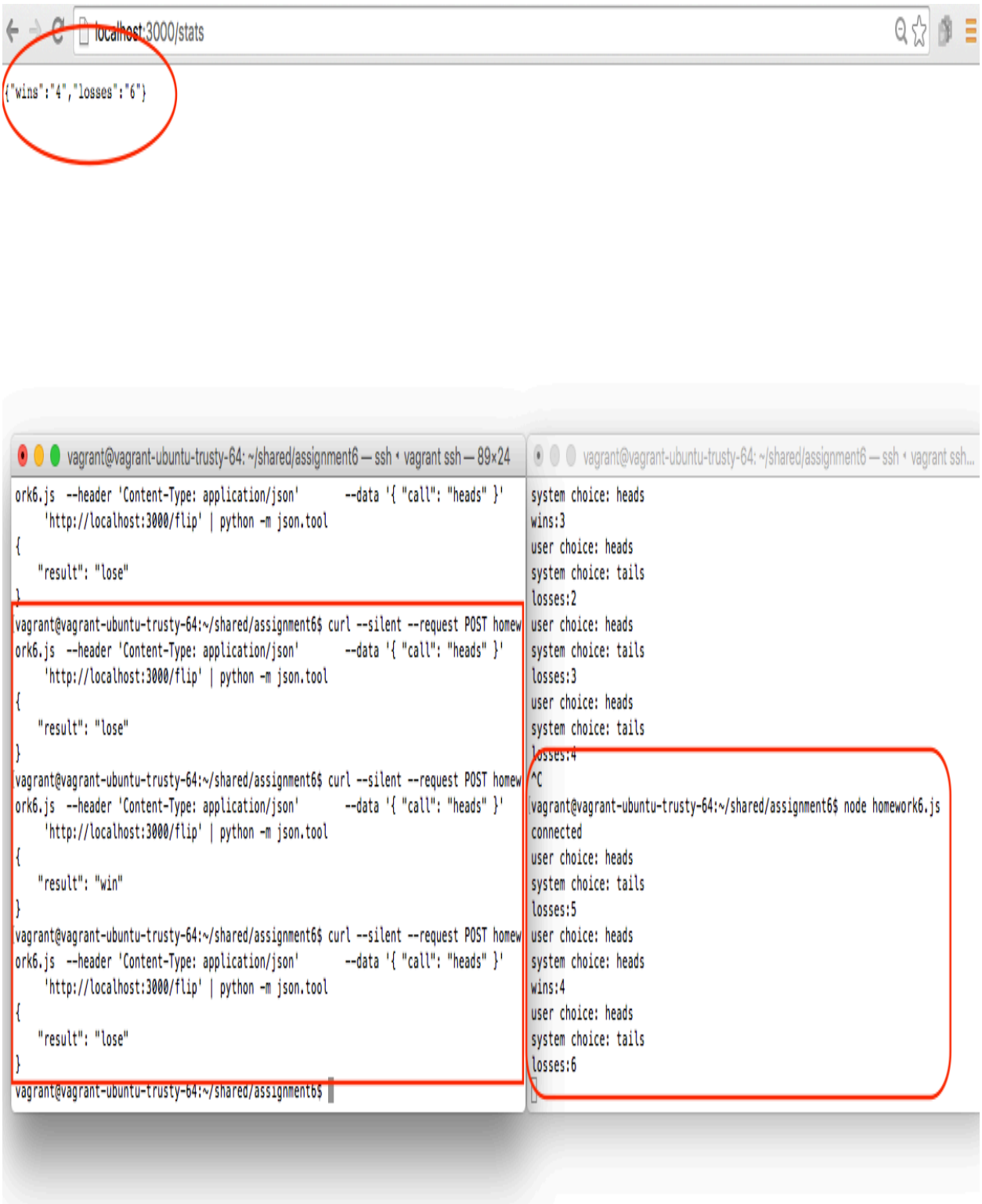
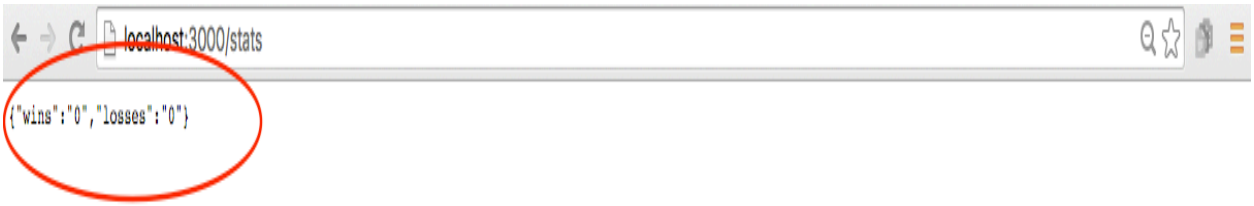


Figure 6 show the result of running the delete on /stats using the following curl statement
`curl –i –X DELETE –H "Content-Type: application/json" ––user root:root http://localhost:3000/stats`



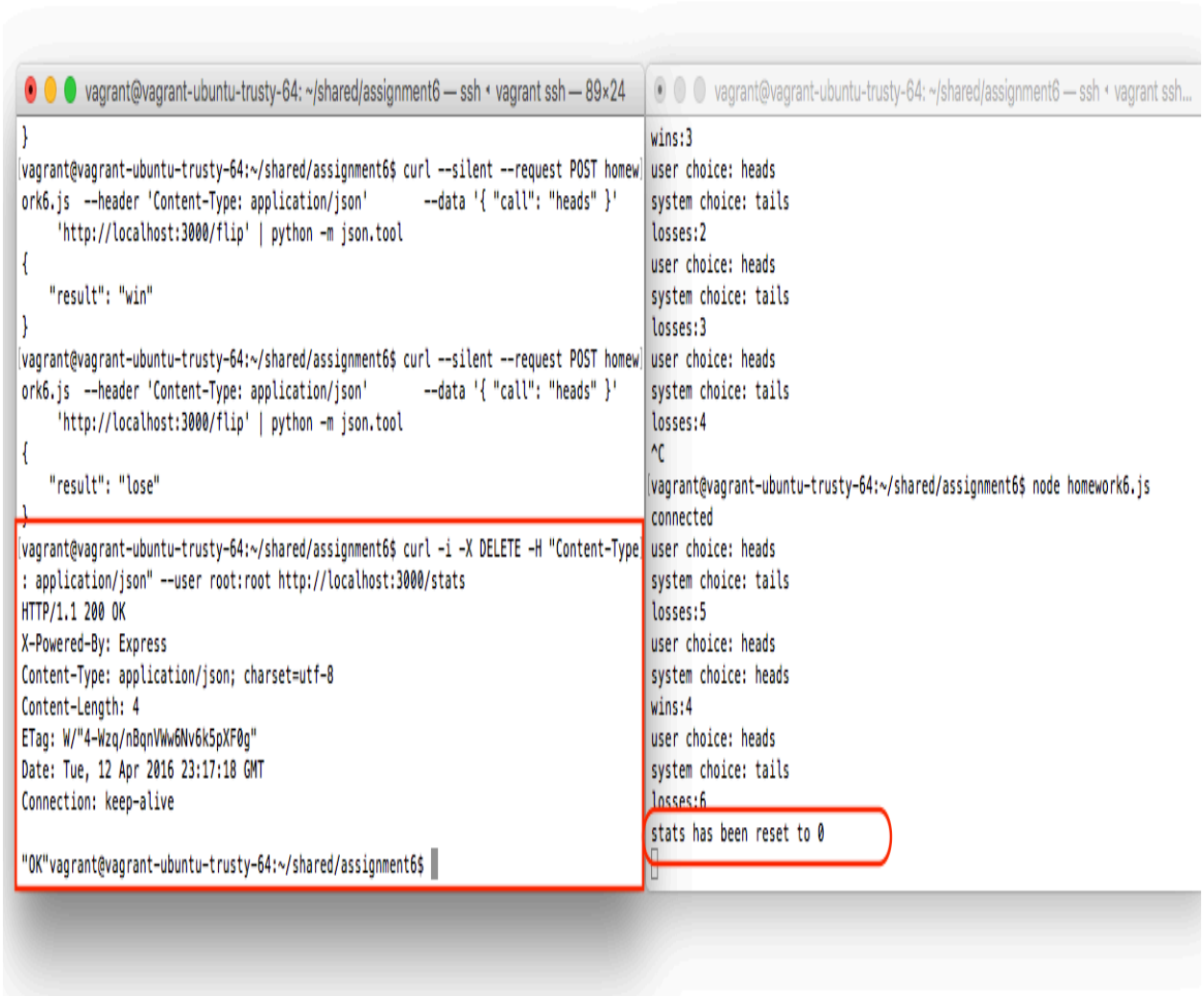


Figure 7 shows the results after resetting the counters to 0