

Try Redis

Ammar Ali

https://try.redis.io

\* TRY REDIS \*

```
HSET user:1000 visits 10
HINCRBY user:1000 visits 1 => 11
HINCRBY user:1000 visits 10 => 21
HDEL user:1000 visits
HINCRBY user:1000 visits 1 => 1
```

Check the [full list of Hash commands](#) for more information.

Type **NEXT** to continue the tutorial.

```
> HSET user:1000 visits 10
(integer) 1
> HINCRBY user:1000 visits 1
(integer) 11
> HINCRBY user:1000 visits 10
(integer) 21
> HDEL user:1000 visits
(integer) 1
> HINCRBY user:1000 visits 1
(integer) 1
```

>

This site was originally written by Alex McHale ([github](#) [twitter](#)) and inspired by [Try Mongo](#). It's now maintained and hosted by Jan-Erik Rediger ([github](#) [twitter](#))

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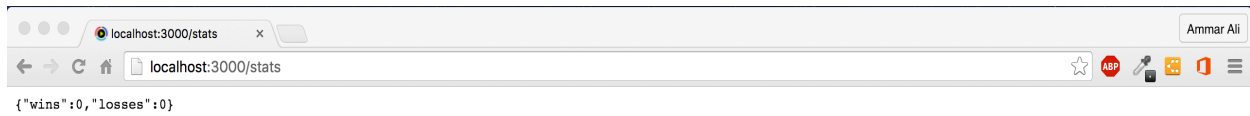
```
(integer) 1
> HINCRBY user:1000 visits 1
(integer) 11
> HINCRBY user:1000 visits 10
(integer) 21
> HDEL user:1000 visits
(integer) 1
> HINCRBY user:1000 visits 1
(integer) 1
> keys *
```

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

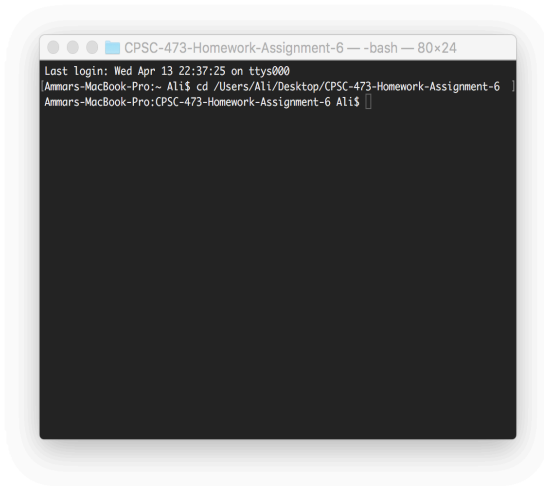
>

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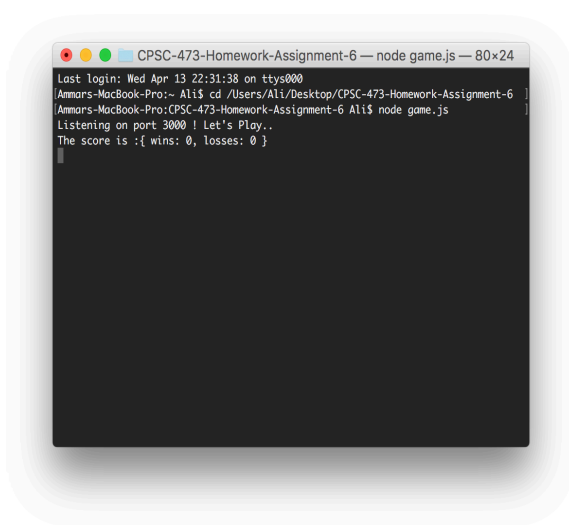
# API in Action



```
{\"wins\":0,\"losses\":0}
```



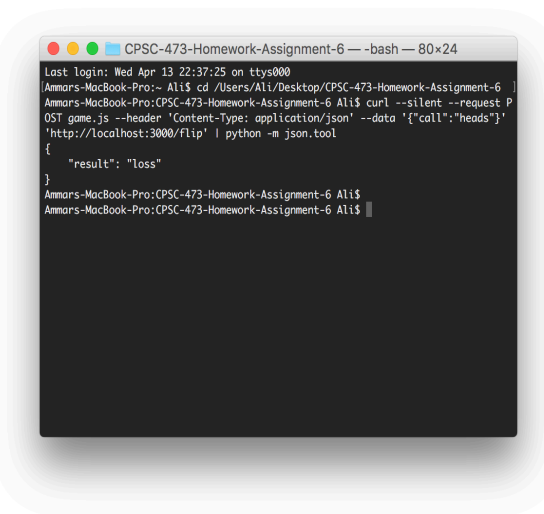
```
CPSC-473-Homework-Assignment-6 — bash — 80x24
Last login: Wed Apr 13 22:37:25 on ttys000
Ammars-MacBook-Pro:~ Ali$ cd /Users/Ali/Desktop/CPSC-473-Homework-Assignment-6
Ammars-MacBook-Pro:CPSC-473-Homework-Assignment-6 Ali$
```



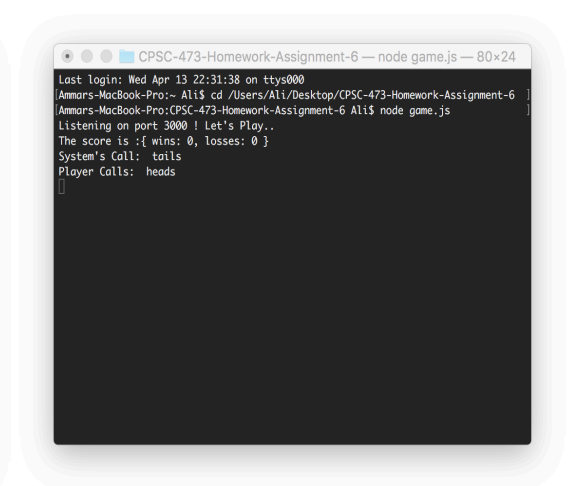
```
CPSC-473-Homework-Assignment-6 — node game.js — 80x24
Last login: Wed Apr 13 22:31:38 on ttys000
Ammars-MacBook-Pro:~ Ali$ cd /Users/Ali/Desktop/CPSC-473-Homework-Assignment-6
Ammars-MacBook-Pro:CPSC-473-Homework-Assignment-6 Ali$ node game.js
Listening on port 3000 ! Let's Play..
The score is :{ wins: 0, losses: 0 }
```



```
{\"wins\":0,\"losses\":0}
```



```
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Last login: Wed Apr 13 22:37:25 on ttys000
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Ammars-MacBook-Pro:CPSC-473-Homework-Assignment-6 Ali$ curl --silent --request POST game.js --header 'Content-Type: application/json' --data '{"call":"heads"}' 'http://localhost:3000/flip' | python -m json.tool
{
  "result": "loss"
}
Ammars-MacBook-Pro:CPSC-473-Homework-Assignment-6 Ali$
Ammars-MacBook-Pro:CPSC-473-Homework-Assignment-6 Ali$
```

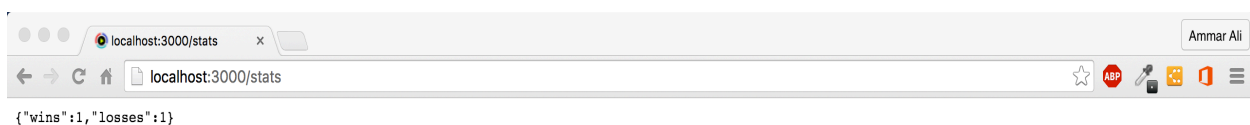


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Listening on port 3000 ! Let's Play..
The score is :{ wins: 0, losses: 0 }
System's Call: tails
Player Calls: heads
```



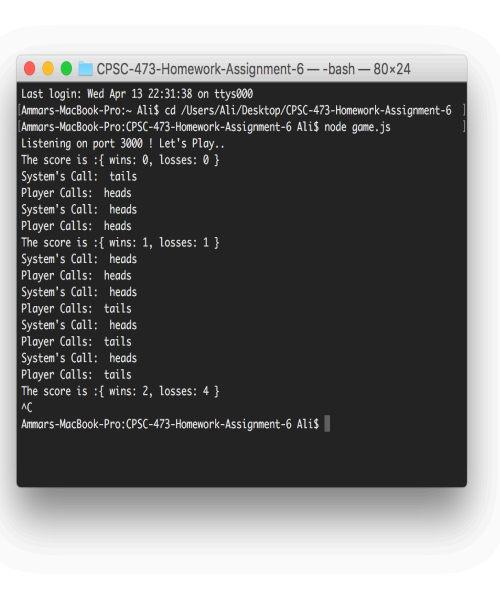
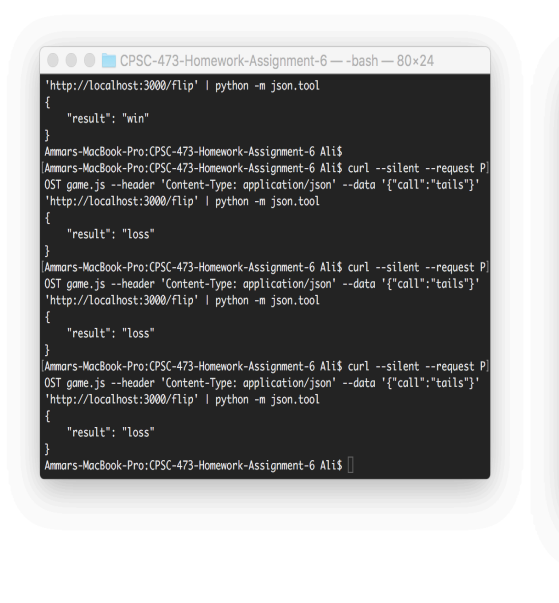
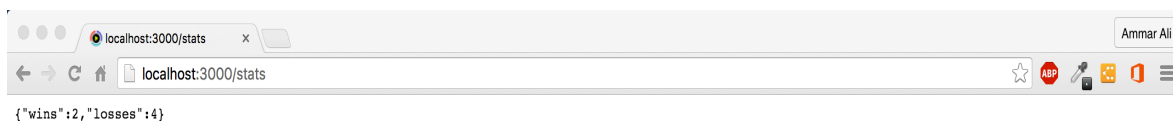
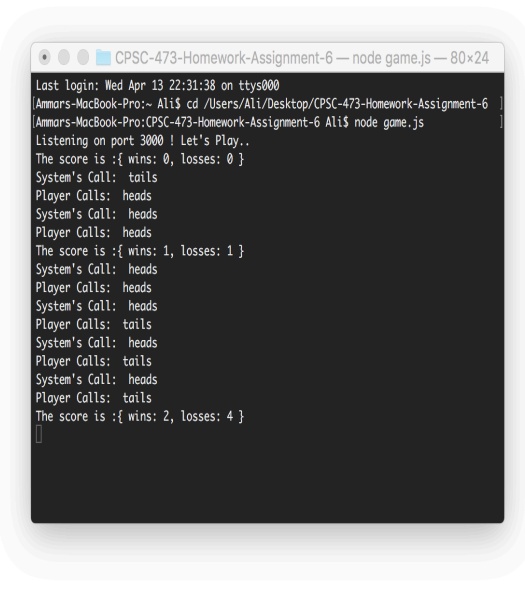
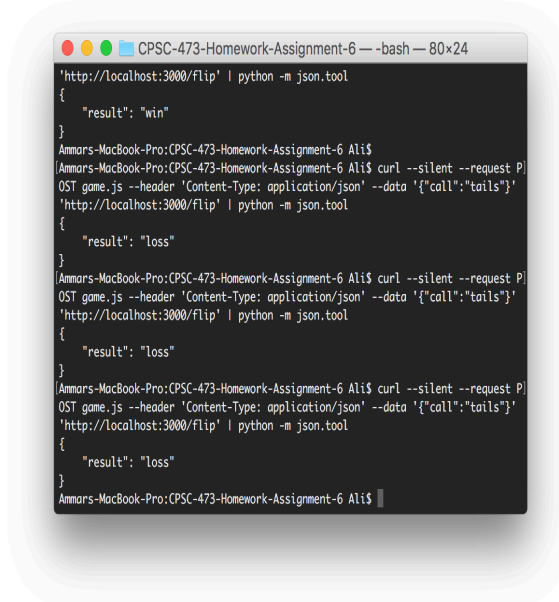
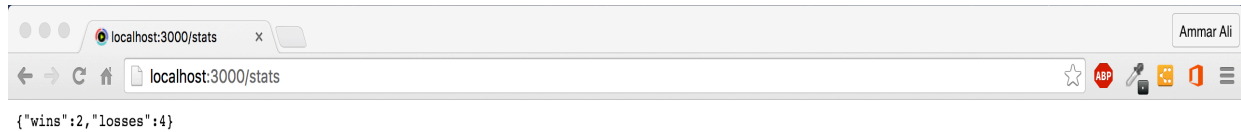
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Ammars-MacBook-Pro:CPSC-473-Homework-Assignment-6 Ali$ curl --silent --request POST game.js --header 'Content-Type: application/json' --data '{"call":"heads"}' 'http://localhost:3000/flip' | python -m json.tool
{
  "result": "loss"
}
Ammars-MacBook-Pro:CPSC-473-Homework-Assignment-6 Ali$
Ammars-MacBook-Pro:CPSC-473-Homework-Assignment-6 Ali$ curl --silent --request POST game.js --header 'Content-Type: application/json' --data '{"call":"heads"}' 'http://localhost:3000/flip' | python -m json.tool
{
  "result": "win"
}
Ammars-MacBook-Pro:CPSC-473-Homework-Assignment-6 Ali$
```

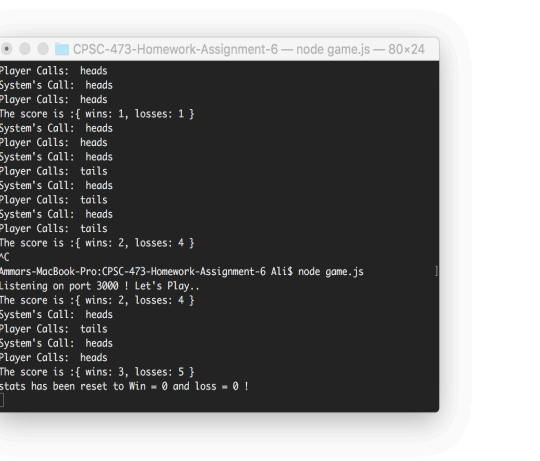
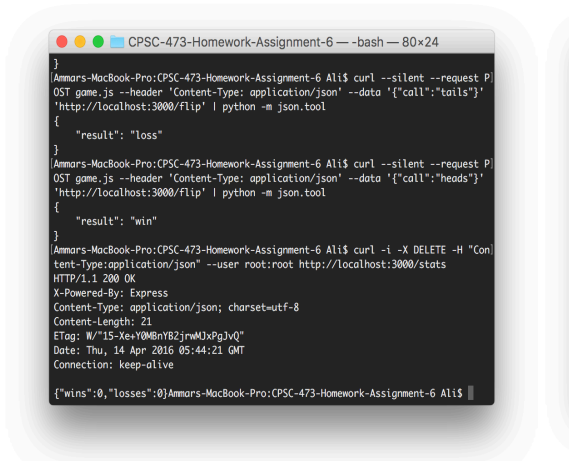
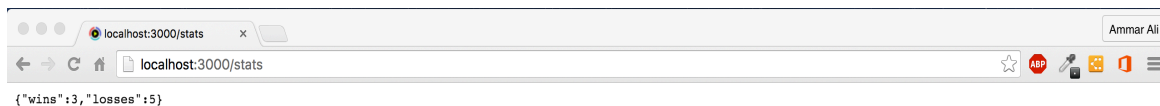
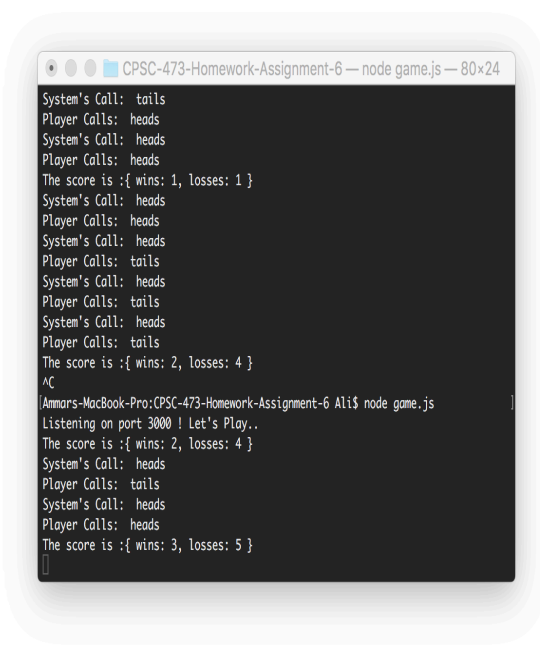
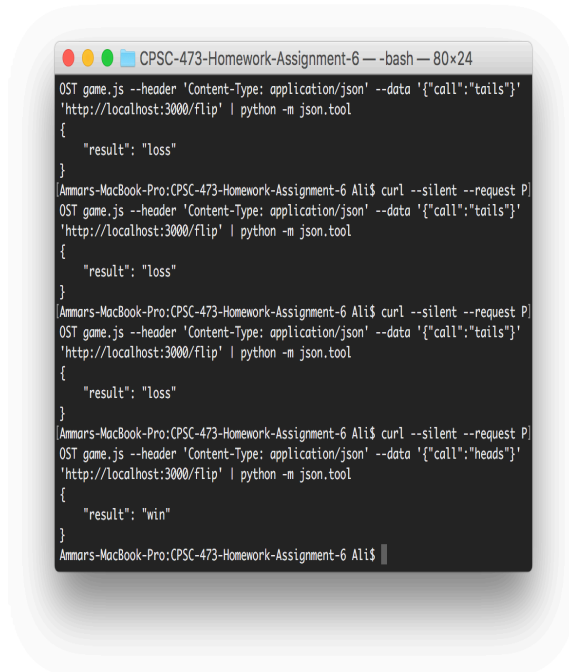
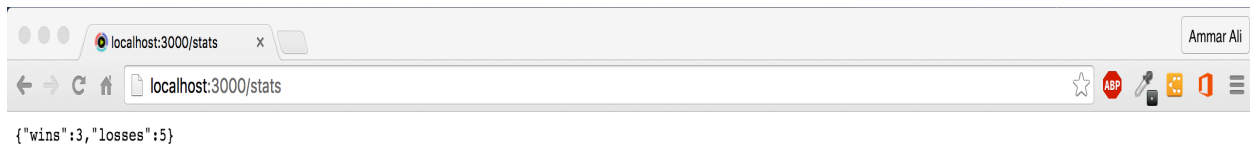
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Ammars-MacBook-Pro:CPSC-473-Homework-Assignment-6 Ali$ node game.js
Listening on port 3000 ! Let's Play..
The score is :{ wins: 0, losses: 0 }
System's Call: tails
Player Calls: heads
System's Call: heads
Player Calls: heads
[]
```

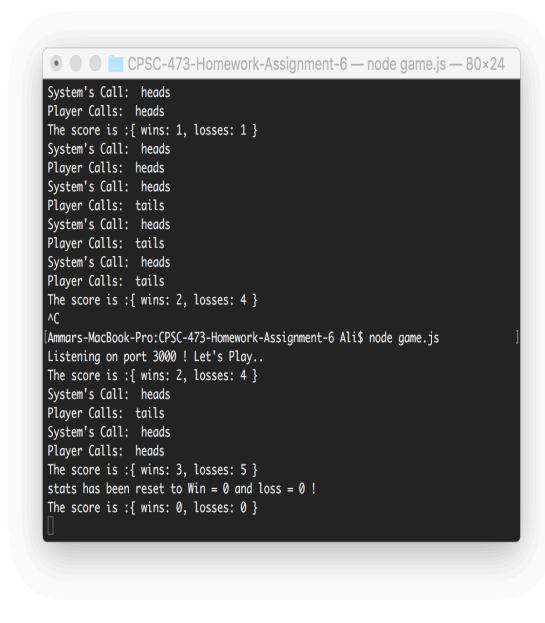
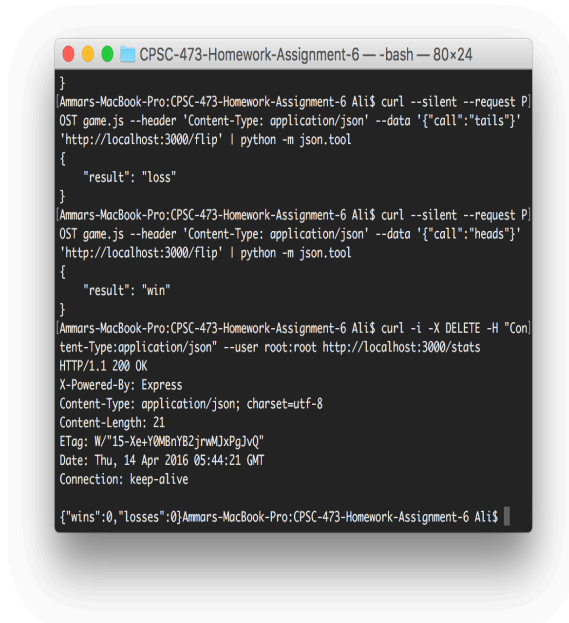
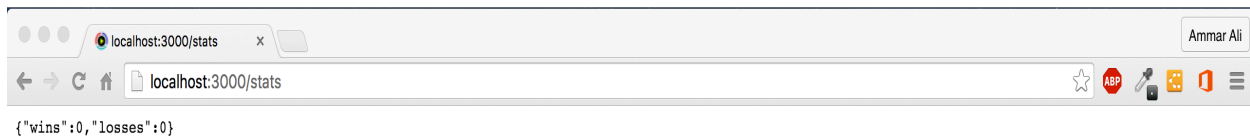


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Listening on port 3000 ! Let's Play..
The score is :{ wins: 0, losses: 0 }
System's Call: tails
Player Calls: heads
System's Call: heads
Player Calls: heads
The score is :{ wins: 1, losses: 1 }
[]
```







## Command for using cURL:

### To Post: (heads)

curl --silent --request POST game.js --header 'Content-Type: application/json' --data '{"call": "heads"}' 'http://localhost:3000/flip' | python -m json.tool

### To Post: (tails)

curl --silent --request POST game.js --header 'Content-Type: application/json' --data '{"call": "tails"}' 'http://localhost:3000/flip' | python -m json.tool

### To Delete: (clears stats)

curl -i -X DELETE -H "Content-Type: application/json" --users root:root http://localhost/stats