A talk of ❄️ & 🔥

🐺 🦁 🐉

BRACE YOURSELVES
THE FINALE IS COMING
imgflip.com

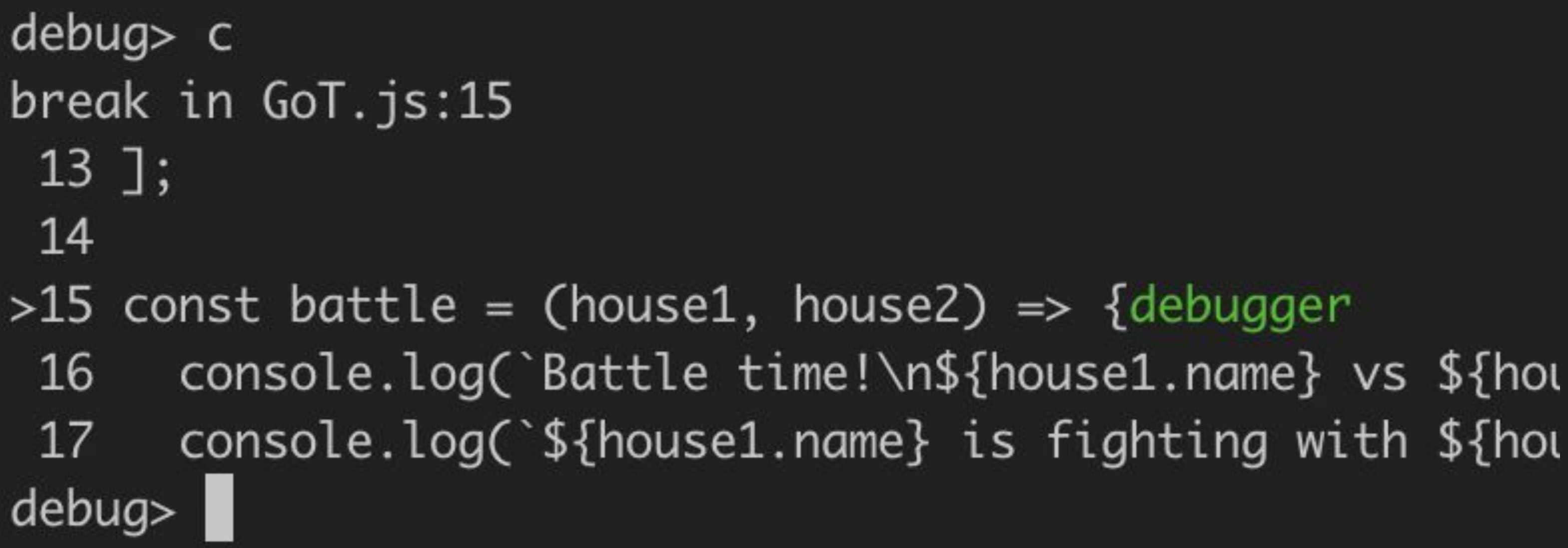
yld

```
node inspect GoT.js
```

debugger

c / cont

Continue to the next `debugger` statement or breakpoint

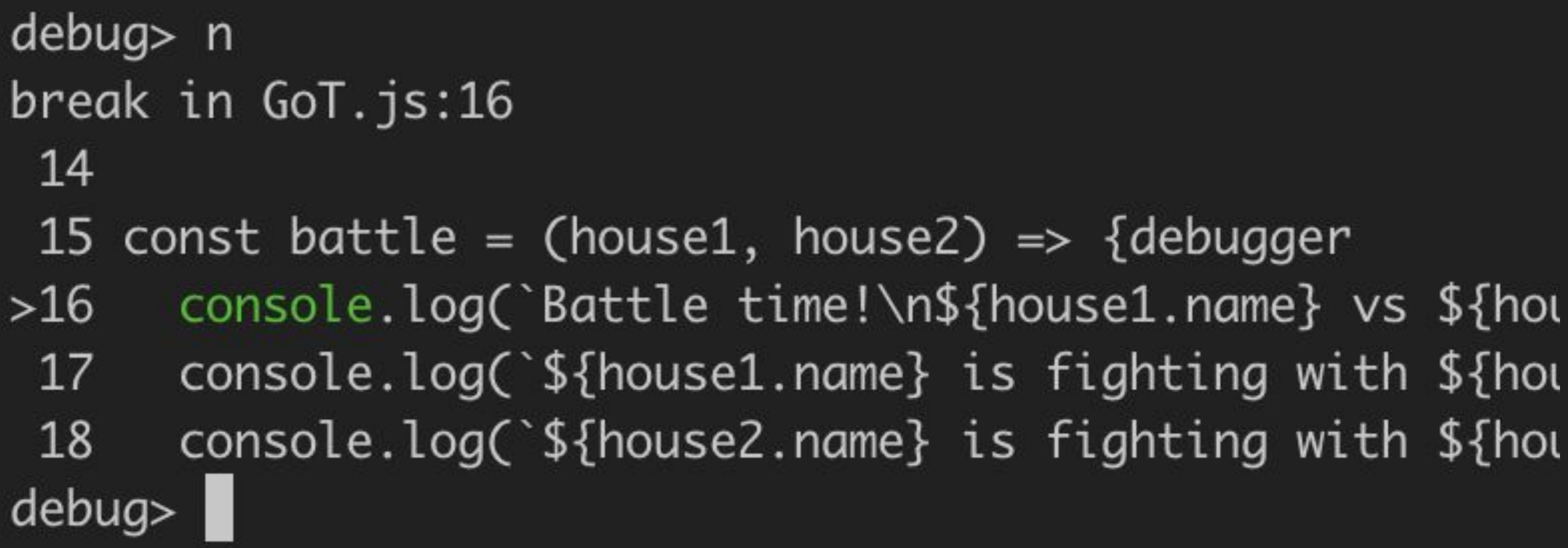


```
debug> c
break in GoT.js:15
 13 ];
 14
>15 const battle = (house1, house2) => {debugger
 16   console.log(`Battle time!\n${house1.name} vs ${hou
 17   console.log(`${house1.name} is fighting with ${hou
debug> 
```

LOTS OF PEOPLE USE THE NODE DEBUGGER
LOTS OF CONTS
imgflip.com

n / next

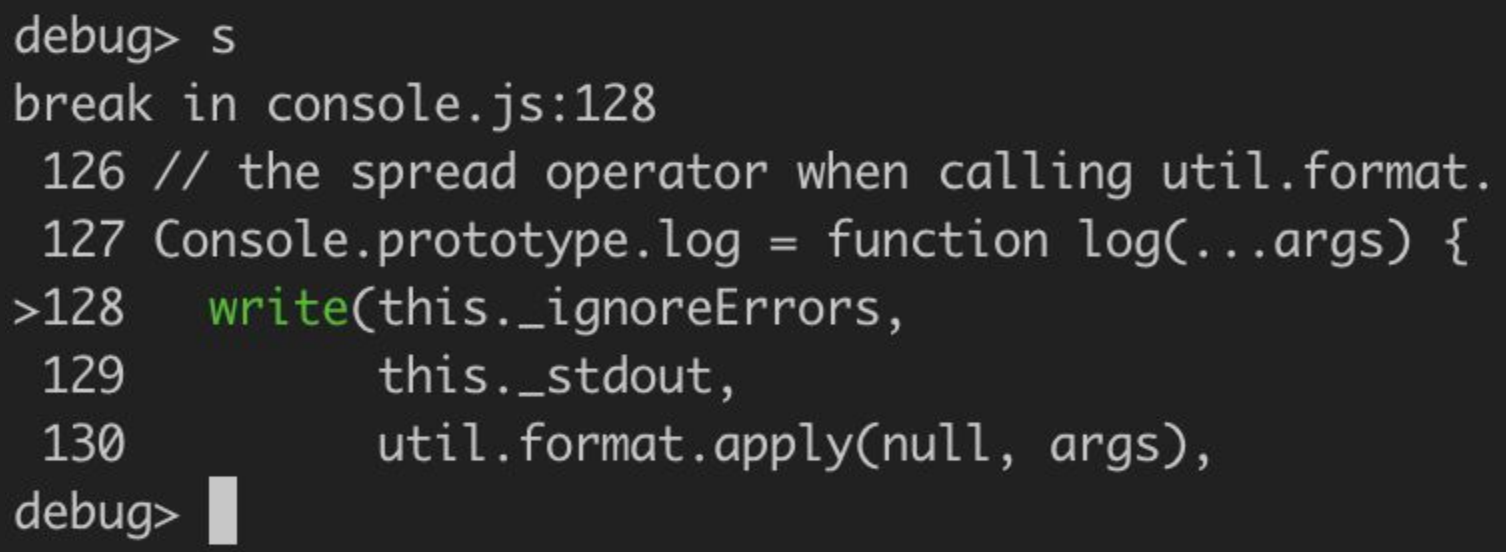
Execute the next line of code



```
debug> n
break in GoT.js:16
 14
 15 const battle = (house1, house2) => {debugger
>16   console.log(`Battle time!\n${house1.name} vs ${hou
 17   console.log(`${house1.name} is fighting with ${hou
 18   console.log(`${house2.name} is fighting with ${hou
debug> 
```

s / step

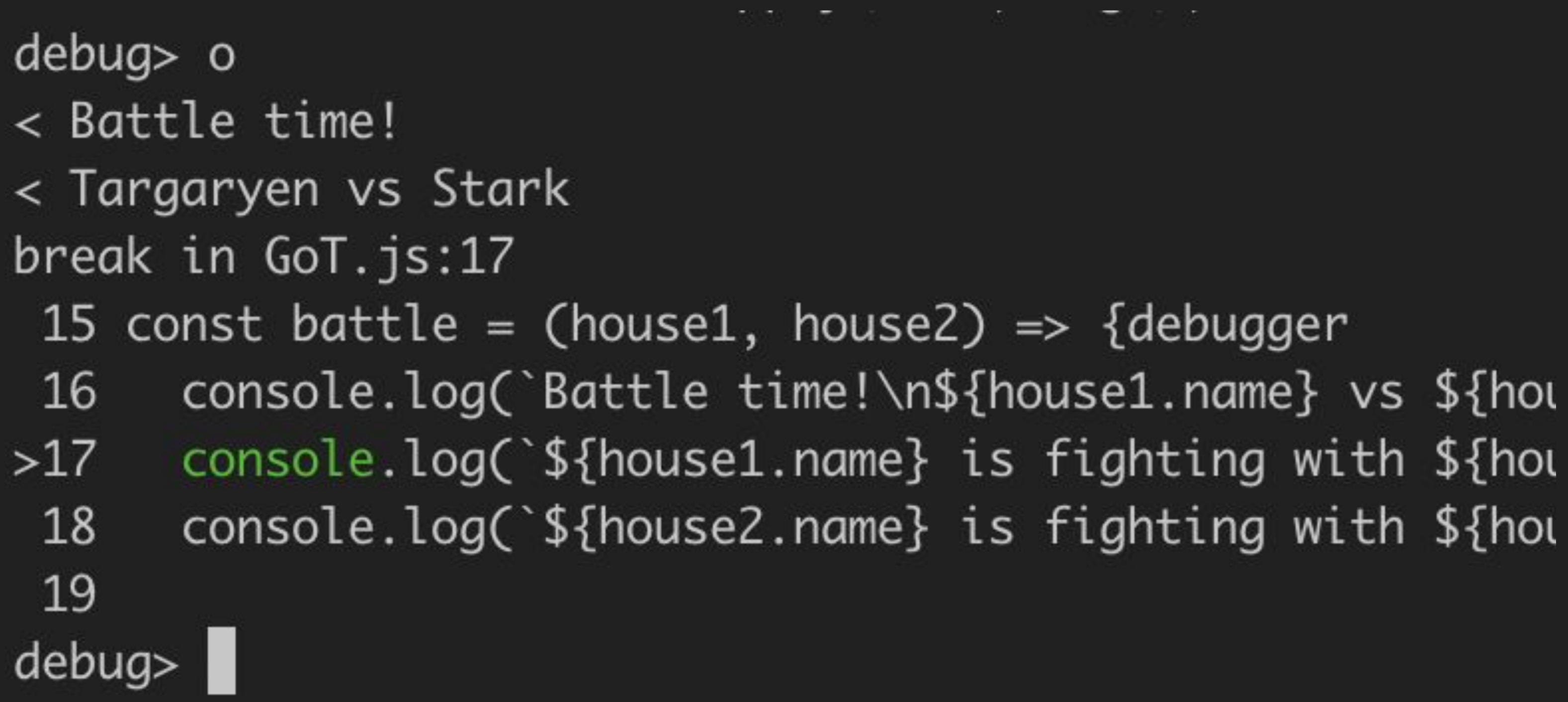
Step into the function called



```
debug> s
break in console.js:128
 126 // the spread operator when calling util.format.
 127 Console.prototype.log = function log(...args) {
>128   write(this._ignoreErrors,
 129         this._stdout,
 130         util.format.apply(null, args),
debug> 
```

o / out

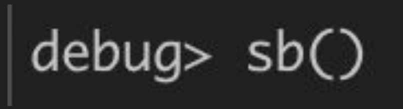
Step out of the function you’re in



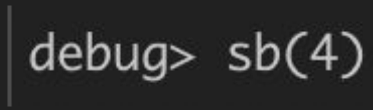
```
debug> o
< Battle time!
< Targaryen vs Stark
break in GoT.js:17
 15 const battle = (house1, house2) => {debugger
 16   console.log(`Battle time!\n${house1.name} vs ${hou
>17   console.log(`${house1.name} is fighting with ${hou
 18   console.log(`${house2.name} is fighting with ${hou
 19
debug> █
```

sb() / setBreakpoint()

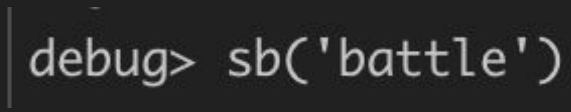
Add a breakpoint at that line of code (the same as debugger)



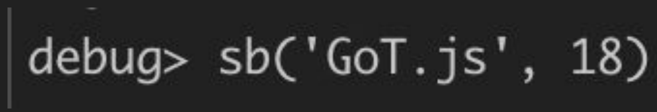
```
debug> sb()
```



```
debug> sb(4)
```

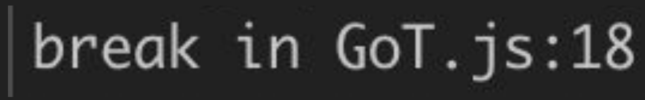


```
debug> sb('battle')
```



```
debug> sb('GoT.js', 18)
```

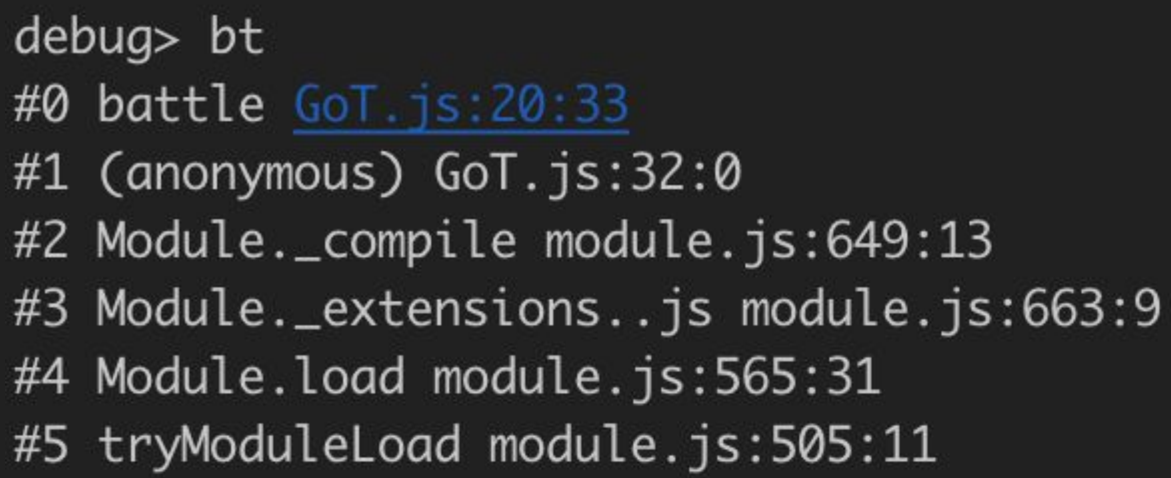
=>



```
break in GoT.js:18
```

bt / backtrace

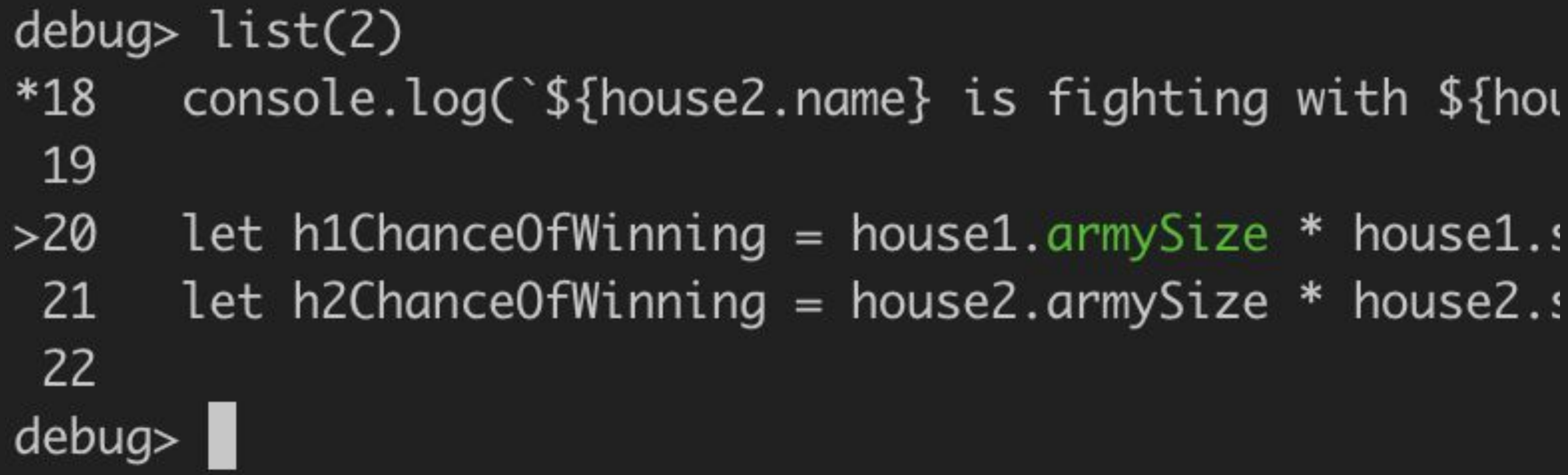
Show the stack trace



```
debug> bt
#0 battle GoT.js:20:33
#1 (anonymous) GoT.js:32:0
#2 Module._compile module.js:649:13
#3 Module._extensions..js module.js:663:9
#4 Module.load module.js:565:31
#5 tryModuleLoad module.js:505:11
```

list(*n*)

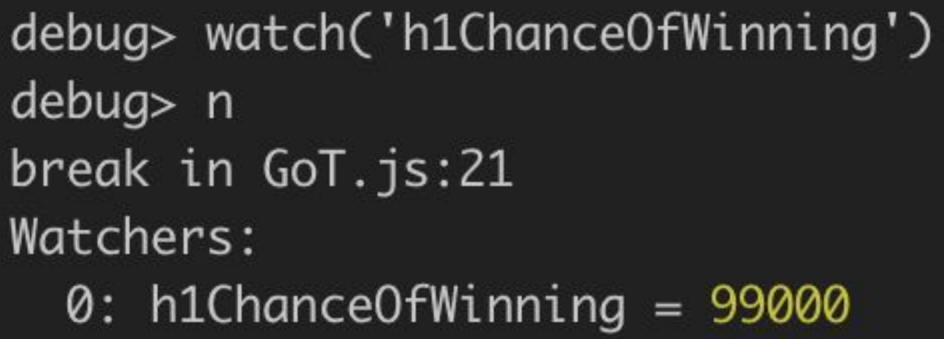
Show *n* lines of source code around the current line



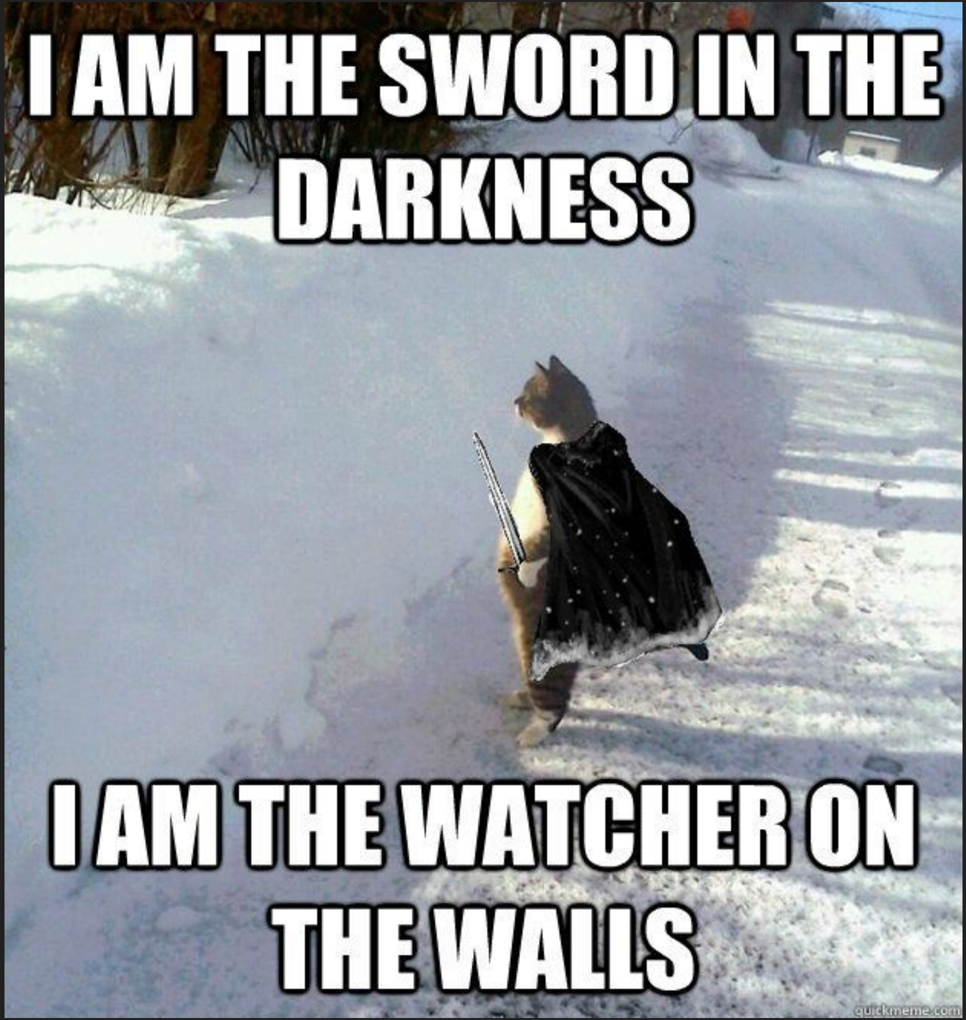
```
debug> list(2)
*18   console.log(`${house2.name} is fighting with ${hou
 19
>20   let h1ChanceOfWinning = house1.armySize * house1.s
 21   let h2ChanceOfWinning = house2.armySize * house2.s
 22
debug> █
```

watch()

Keeps track of the value of a variable

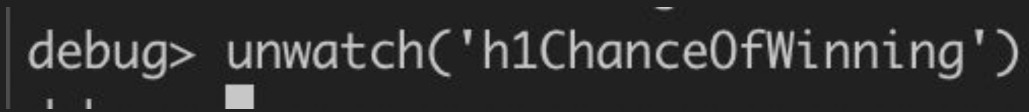


```
debug> watch('h1ChanceOfWinning')
debug> n
break in GoT.js:21
Watchers:
  0: h1ChanceOfWinning = 99000
```


I AM THE SWORD IN THE DARKNESS
I AM THE WATCHER ON THE WALLS
quickmeme.com

unwatch()

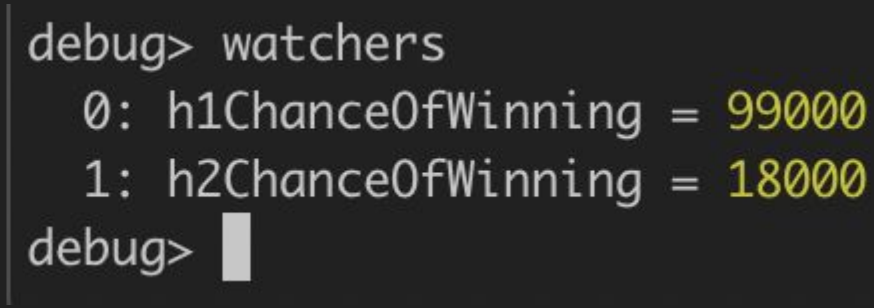
Stop watching a variable



```
debug> unwatch('h1ChanceOfWinning')
```

watchers

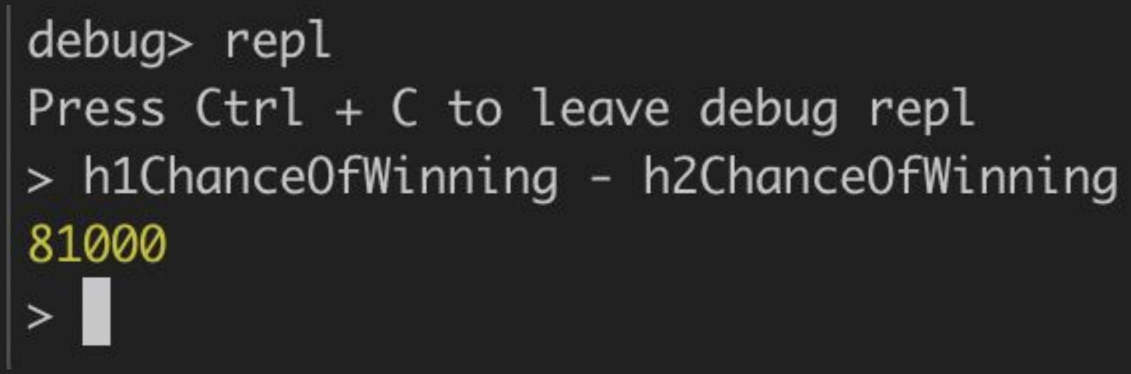
List all the variables you’re currently watching



```
debug> watchers
  0: h1ChanceOfWinning = 99000
  1: h2ChanceOfWinning = 18000
debug> 
```

repl

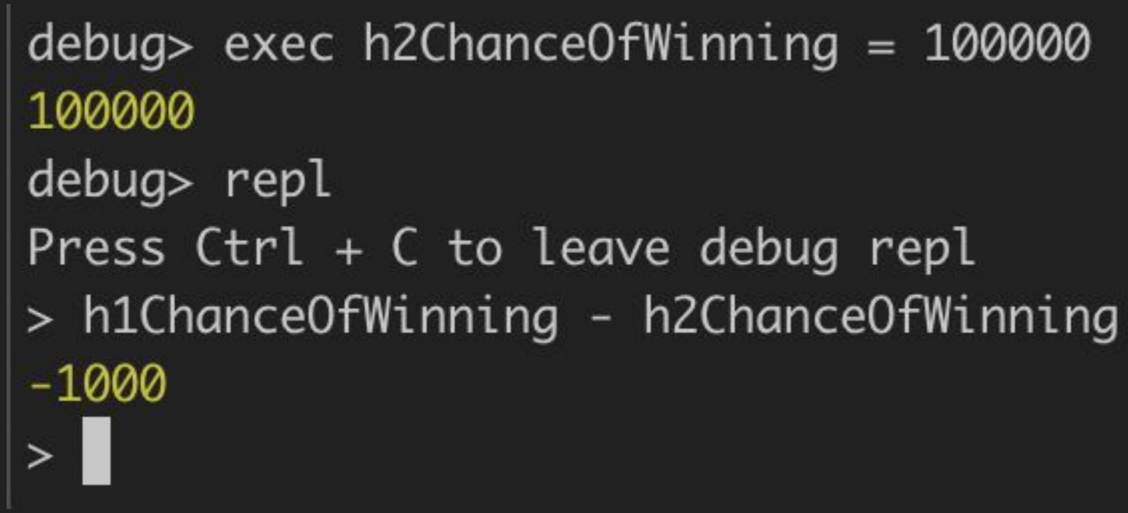
Execute the node repl



```
debug> repl
Press Ctrl + C to leave debug repl
> h1ChanceOfWinning - h2ChanceOfWinning
81000
> 
```

exec

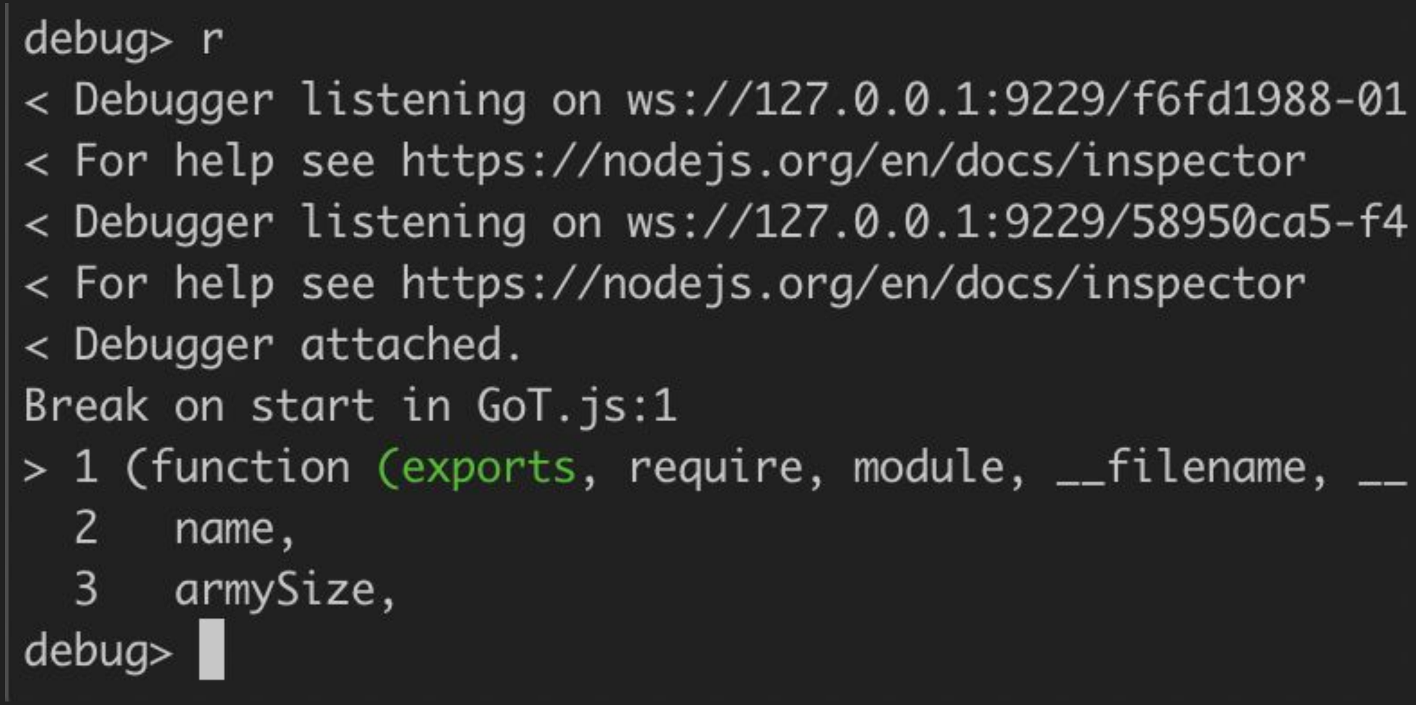
Execute an expression in the context of the script being run



```
debug> exec h2ChanceOfWinning = 100000
100000
debug> repl
Press Ctrl + C to leave debug repl
> h1ChanceOfWinning - h2ChanceOfWinning
-1000
> 
```

r / restart

Restarts the execution of the script



```
debug> r
< Debugger listening on ws://127.0.0.1:9229/f6fd1988-01
< For help see https://nodejs.org/en/docs/inspector
< Debugger listening on ws://127.0.0.1:9229/58950ca5-f4
< For help see https://nodejs.org/en/docs/inspector
< Debugger attached.
Break on start in GoT.js:1
> 1 (function (exports, require, module, __filename, __
  2   name,
  3   armySize,
debug> █
```

THAT MOMENT WHEN YOU FIND
THE PERFECT AVOCADO AT THE SUPERMARKET

- c
- n
- s
- o
- sb(‘GoT.js’, 8)
- bt
- list(8)
- watch(‘peopleKillingAWholeBunchOfWhiteWalkers’)
- unwatch(‘theRedWedding’)
- exec yourFaveCharacter.isAlive = false
- r

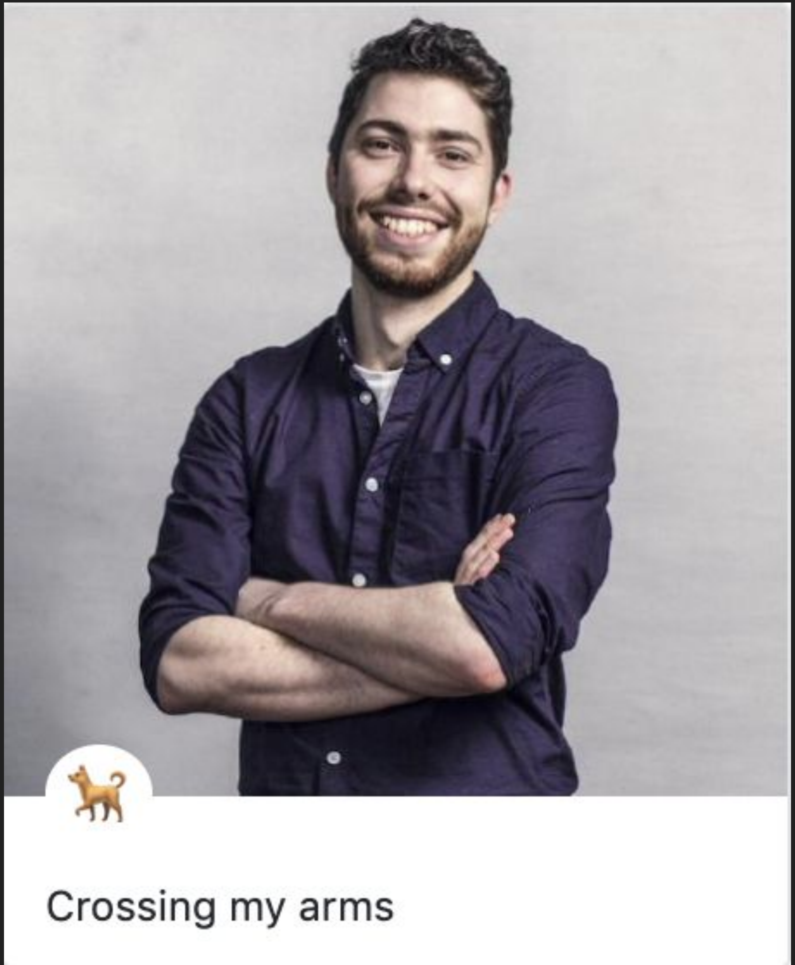
```
demo.start()
```

Javelin throw Gold medalist

Winter Games - Westeros 2017

JoeScho/example.debugger

```
demo.on(‘end’, questions)
```



Crossing my arms

/JoeScho

/JoeScho

@JoeTheScho