

ActivitiesVisual Studio Code

Fri 08:430B/s ↓0B/s ↑

app.js - Applications - Visual Studio Code

FileEditSelectionViewGoRunTerminalHelp

EXPLORER

OPEN EDITORS

APPLICATIONS

02. Global Object

JS app.js

03. Modules

JS app.js

04. Creating a ...

JS app.js

JS logger.js

04. Creating a Module > JS app.js > ...

1var logger = require('./logger');

2

3console.log(logger);

DEBUG CONSOLEPROBLEMSOUTPUTTERMINAL

1: bash

dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module\$ node app.js

{ log: [Function: log] }

dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module\$

OUTLINE

master\*

Ln 3, Col 21Spaces: 4UTF-8LFJavaScript

ActivitiesVisual Studio Code

Fri 08:4586.0B/s ↓ 585B/s ↑

app.js - Applications - Visual Studio Code

FileEditSelectionViewGoRunTerminalHelp

EXPLORER

OPEN EDITORS

APPLICATIONS

02. Global Object

JS app.jsU

03. Modules

JS app.jsU

04. Creating a ...

JS app.jsU

JS logger.jsU

04. Creating a Module > JS app.js > ...  
1 var logger = require('./logger');  
2  
3 //console.log(logger);  
4 logger.log('message');

DEBUG CONSOLEPROBLEMSOUTPUTTERMINAL

1: bash

dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module\$ node app.js  
{ log: [Function: log] }  
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module\$ node app.js  
message  
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module\$

OUTLINE

master\* 0 0 0

Ln 4, Col 23Spaces: 4UTF-8LFJavaScript

ActivitiesVisual Studio Code

Fri 08:4842.0B/s70.0B/s

app.js - Applications - Visual Studio Code

FileEditSelectionViewGoRunTerminalHelp

EXPLORER

JS logger.jsJS app.js

OPEN EDITORS

APPLICATIONS

02. Global Object

JS app.jsU

03. Modules

JS app.jsU

04. Creating a ...

JS app.jsU

JS logger.jsU

04. Creating a Module > JS app.js > ...

```
1 //var logger = require('./logger');
2
3 //console.log(logger);
4 //logger.log('message');
5
6 // We should define the logger as const because
7 // we dont want to update the value like below
8 // logger = 1
9 // So define it like
10 const logger = require('./logger')
11 logger.log('message');
12
```

DEBUG CONSOLEPROBLEMSOUTPUTTERMINAL

1: bash

dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module\$ node app.js
{ log: [Function: log] }
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module\$ node app.js
message
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module\$ node app.js
message
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module\$

OUTLINE

master\*00

Ln 11, Col 1Spaces: 4UTF-8LFJavaScript

ActivitiesVisual Studio Code

Fri 08:49601B/s ↓ 312B/s ↑

app.js - Applications - Visual Studio Code

FileEditSelectionViewGoRunTerminalHelp

EXPLORER

04. Creating a Module > JS app.js > ...

JS app.jsU

JS app.jsU

JS app.jsU

JS logger.jsU

04. Creating a Module > JS app.js > ...

```
1 var logger = require('./logger');
2 logger = 1;
3 //console.log(logger);
4 logger.log('message');
5
6 // We should define the logger as const because
7 // we dont want to update the value like below
8 // logger = 1
9 // So define it like
10 const logger = require('./logger')
11 logger.log('message');
12
```

DEBUG CONSOLEPROBLEMSOUTPUTTERMINAL

1: bash

```
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module$ node app.js
message
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module$ node app.js
/home/dandy/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module/app.js:10
const logger = require('./logger')
    ^
SyntaxError: Identifier 'logger' has already been declared
    at createScript (vm.js:80:10)
    at Object.runInThisContext (vm.js:139:10)
    at Module._compile (module.js:616:28)
    at Object.Module._extensions..js (module.js:663:10)
    at Module.load (module.js:565:32)
    at tryModuleLoad (module.js:505:12)
    at Function.Module._load (module.js:497:3)
    at Function.Module.runMain (module.js:693:10)
    at startup (bootstrap_node.js:188:16)
    at bootstrap_node.js:609:3
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module$
```

OUTLINE

master\* 0 0 0

ActivitiesVisual Studio Code

Fri 08:5085.9B/s ↓ 584B/s ↑

app.js - Applications - Visual Studio Code

FileEditSelectionViewGoRunTerminalHelp

EXPLORER

OPEN EDITORS

APPLICATIONS

02. Global Object

JS app.jsU

03. Modules

JS app.jsU

04. Creating a ...

JS app.jsU

JS logger.jsU

JS logger.js

JS app.js

04. Creating a Module > JS app.js > ...

```
1 var logger = require('./logger');
2 logger = 1;
3 //console.log(logger);
4 logger.log('message');
5
6 // We should define the logger as const because
7 // we dont want to update the value like below
8 // logger = 1
9 // So define it like
10 //const logger = require('./logger')
11 //logger.log('message');
12
```

DEBUG CONSOLEPROBLEMSOUTPUTTERMINAL

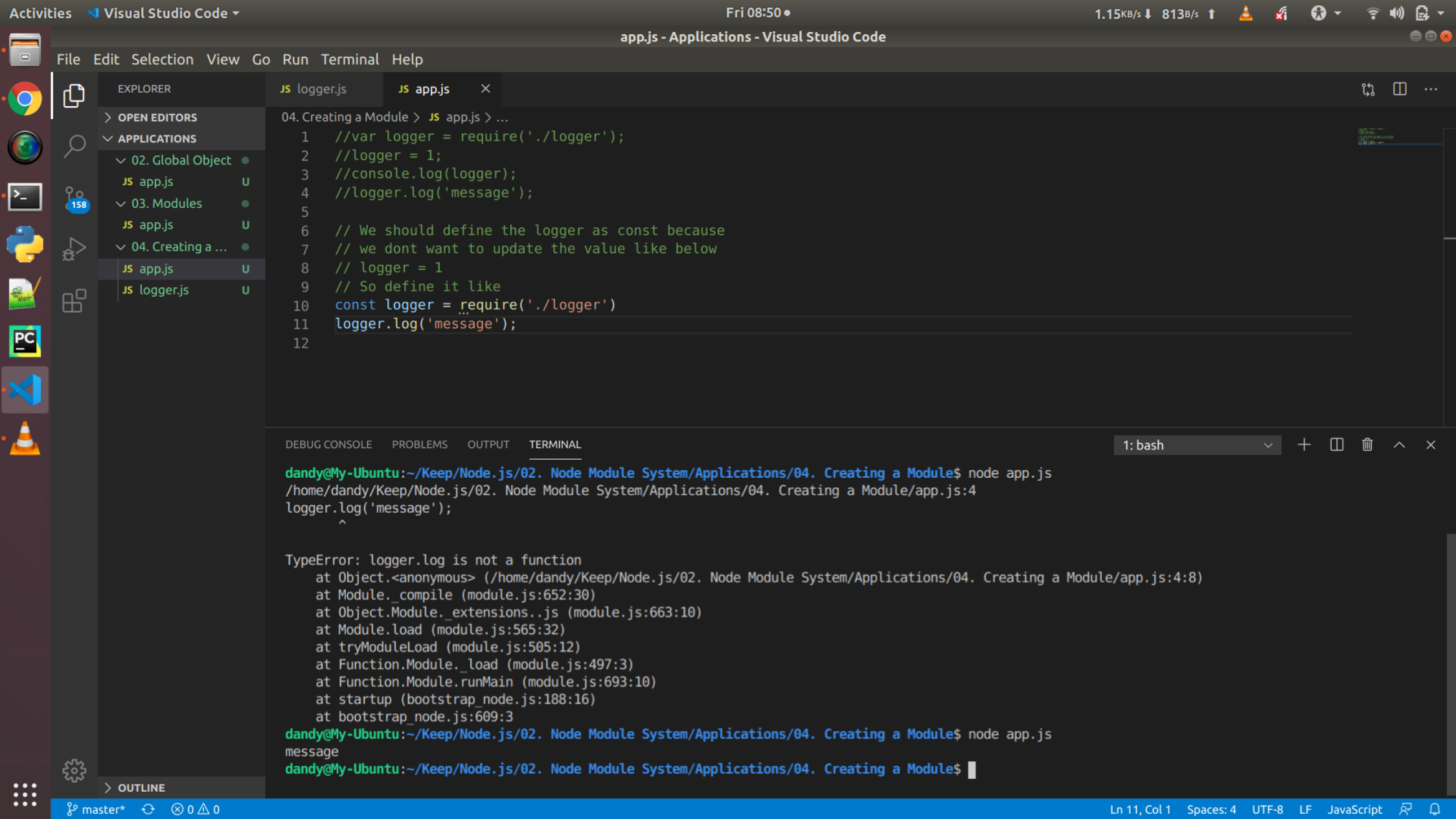
1: bash

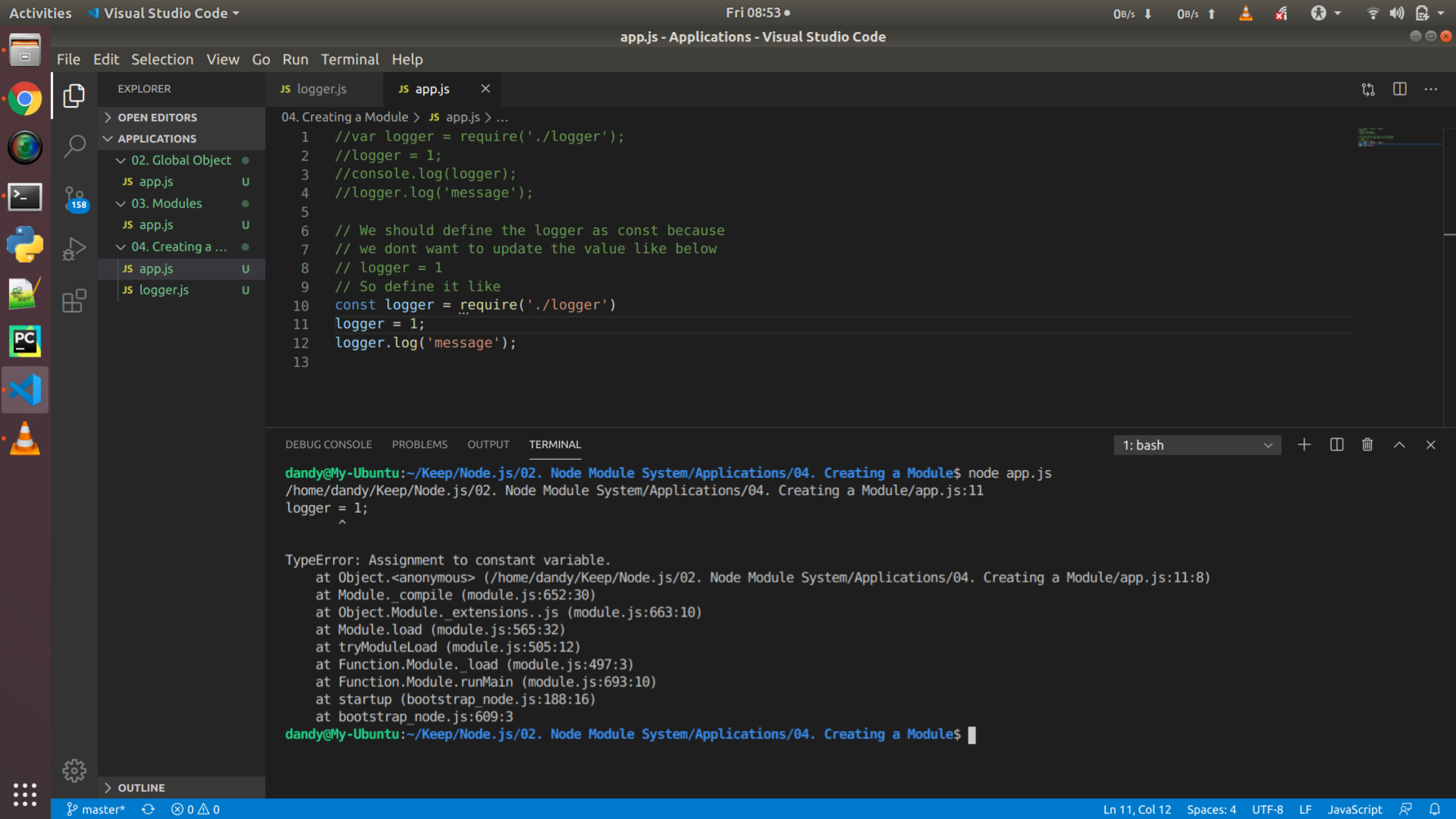
```
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module$ node app.js
/home/dandy/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module/app.js:4
logger.log('message');
^
TypeError: logger.log is not a function
    at Object.<anonymous> (/home/dandy/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module/app.js:4:8)
    at Module._compile (module.js:652:30)
    at Object.Module._extensions..js (module.js:663:10)
    at Module.load (module.js:565:32)
    at tryModuleLoad (module.js:505:12)
    at Function.Module._load (module.js:497:3)
    at Function.Module.runMain (module.js:693:10)
    at startup (bootstrap_node.js:188:16)
    at bootstrap_node.js:609:3
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module$
```

OUTLINE

master\*0 0 0

Ln 4, Col 1Spaces: 4UTF-8LFJavaScript





File Edit View Search Terminal Help

**dandy@My-Ubuntu:~\$** sudo npm install -g jshint

[sudo] password for dandy:

sudo: npm: command not found

**dandy@My-Ubuntu:~\$** sudo npm list

sudo: npm: command not found

**dandy@My-Ubuntu:~\$** sudo curl -L https://npmjs.org/install.sh | sudo sh

% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload	Upload	Total	Spent	Left
							Speed

0	0	0	0	0	0	--:--:--	0
100	5450	100	5450	0	0	0:00:02	8847

tar=/bin/tar

version:

tar (GNU tar) 1.29

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License GPLv3+: GNU GPL version 3 or later <<http://gnu.org/licenses/gpl.html>>.

This is free software: you are free to change and redistribute it.

There is NO WARRANTY, to the extent permitted by law.

Written by John Gilmore and Jay Fenlason.

install npm@latest

fetching: <https://registry.npmjs.org/npm/-/npm-6.14.3.tgz>

up to date in 0.036s

/usr/bin/npm -&gt; /usr/lib/node\_modules/npm/bin/npm-cli.js

/usr/bin/npm -&gt; /usr/lib/node\_modules/npm/bin/npm-cli.js


+ npm@6.14.3

added 435 packages from 869 contributors in 7.106s




It worked

**dandy@My-Ubuntu:~\$** npm -v

6.14.3

**dandy@My-Ubuntu:~\$** 



 File Edit View Search Terminal Help  
 dandy@My-Ubuntu:~\$ sudo npm install -g jshint  
/usr/bin/jshint -> /usr/lib/node\_modules/jshint/bin/jshint  
+ jshint@2.11.0  
added 31 packages from 15 contributors in 8.602s  
 dandy@My-Ubuntu:~\$

ActivitiesVisual Studio Code

Fri 09:09754B/s ↓ 1.00KB/s ↑

logger.js - Applications - Visual Studio Code

FileEditSelectionViewGoRunTerminalHelp

EXPLORER

OPEN EDITORS

APPLICATIONS

02. Global Object

JS app.jsU

03. Modules

JS app.jsU

04. Creating a ...

JS app.jsU

JS logger.jsU

OUTLINE

JS logger.js

JS app.js

04. Creating a Module > JS logger.js > ...

```
6 // }
7
8 // module.exports.log = log;
9 // //module.exports.endPoint = url;
10
11 var url = 'http://mylogger.io/log'
12
13 function log(message){
14     // Send an HTTP request
15     console.log(message);
16 }
17 module.exports = log; //export only this function not whole object
18 // So you export a single module or an object
```

DEBUG CONSOLEPROBLEMSOUTPUTTERMINAL

1: bash

dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module\$ node app.js
message
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module\$

Ln 18, Col 46Spaces: 4UTF-8LFJavaScript

Activities

Visual Studio Code

0B/s ↓

0B/s ↑

Fri 09:09

app.js - Applications - Visual Studio Code

File

Edit

Selection

View

Go

Run

Terminal

Help

EXPLORER

JS logger.js

JS app.js

> OPEN EDITORS

> APPLICATIONS

> 02. Global Object

JS app.js

U

> 03. Modules

JS app.js

U

> 04. Creating a ...

JS app.js

U

JS logger.js

U

04. Creating a Module > JS app.js > ...

10 // const logger = require('./logger');

11 // //logger = 1;

12 // logger.log('message');

13

14 const log = require('./logger');

15 log('message');

DEBUG CONSOLE

PROBLEMS

OUTPUT

TERMINAL

1: bash

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↓

dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module\$ node app.js

message

dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/04. Creating a Module\$

> OUTLINE

master\*

↺

0

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0

Ln 15, Col 17

Spaces: 4

UTF-8

LF

JavaScript