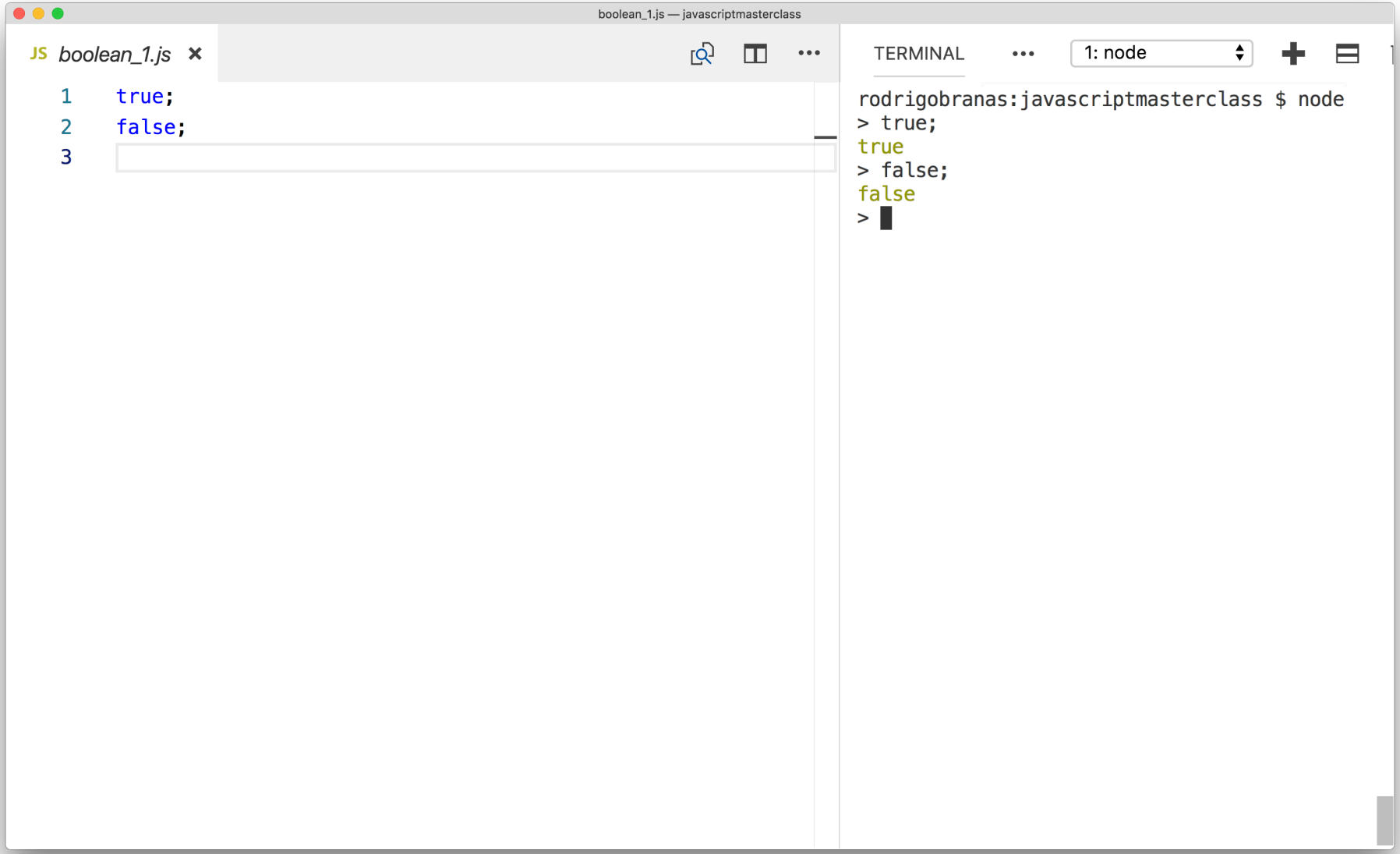
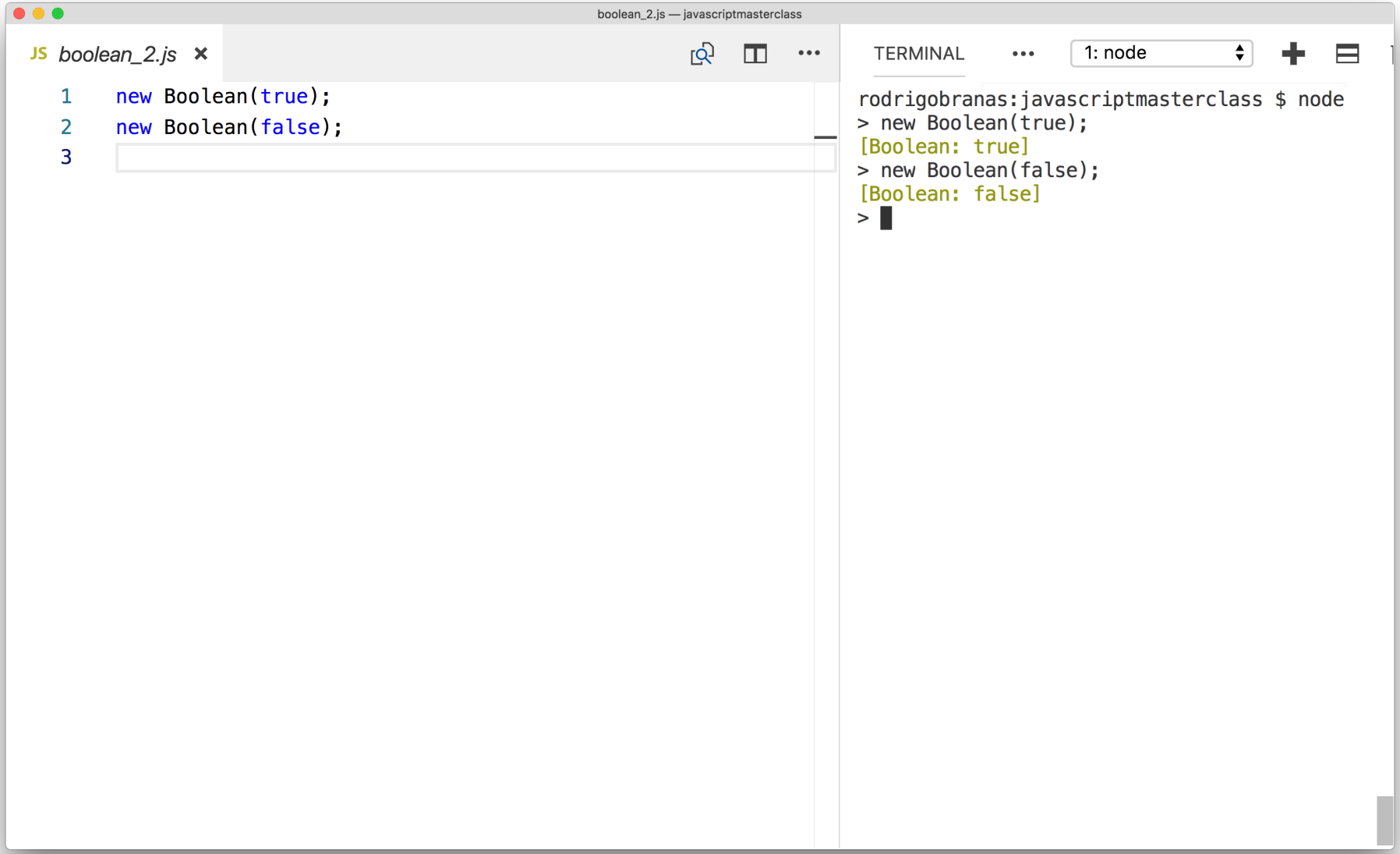
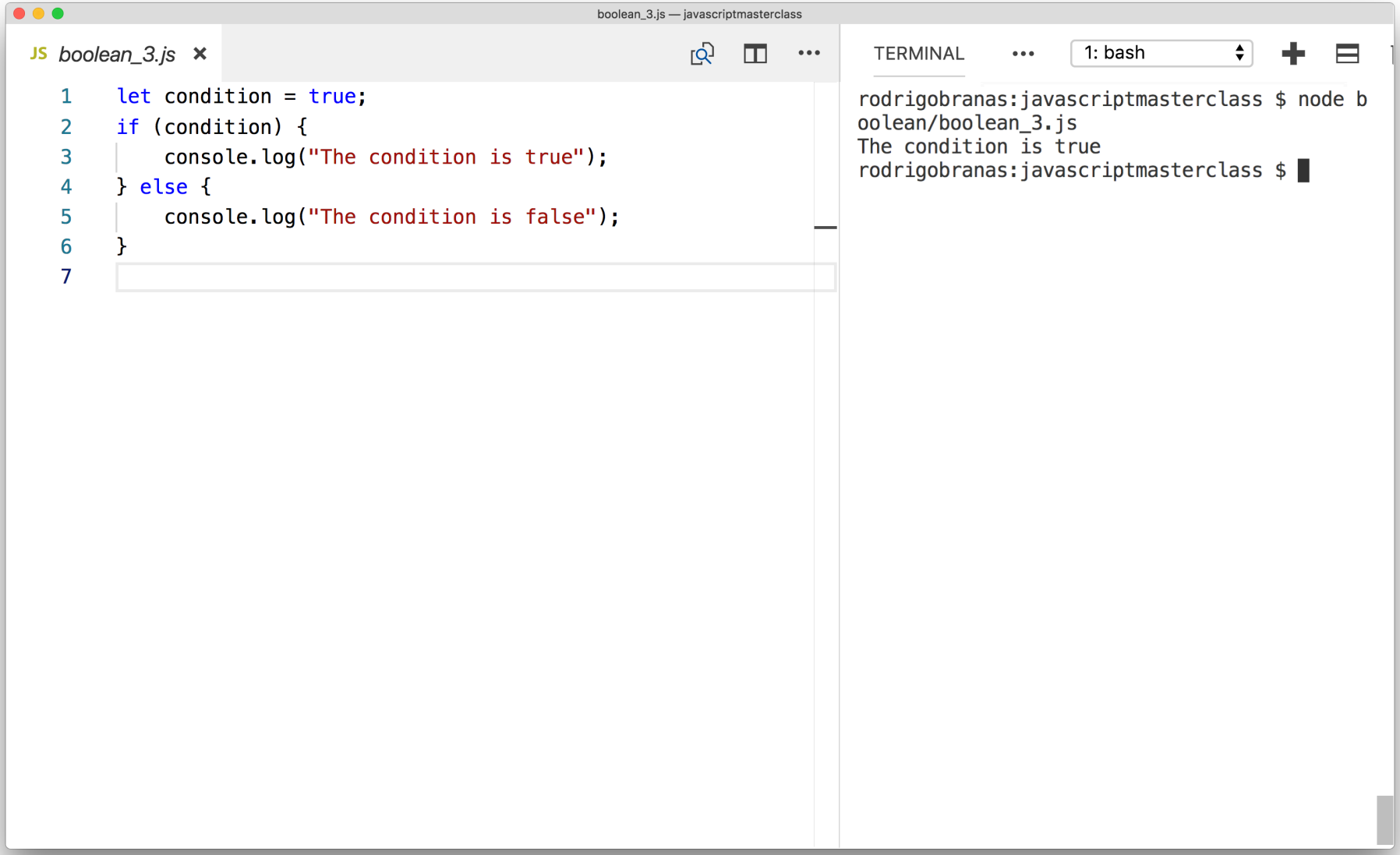
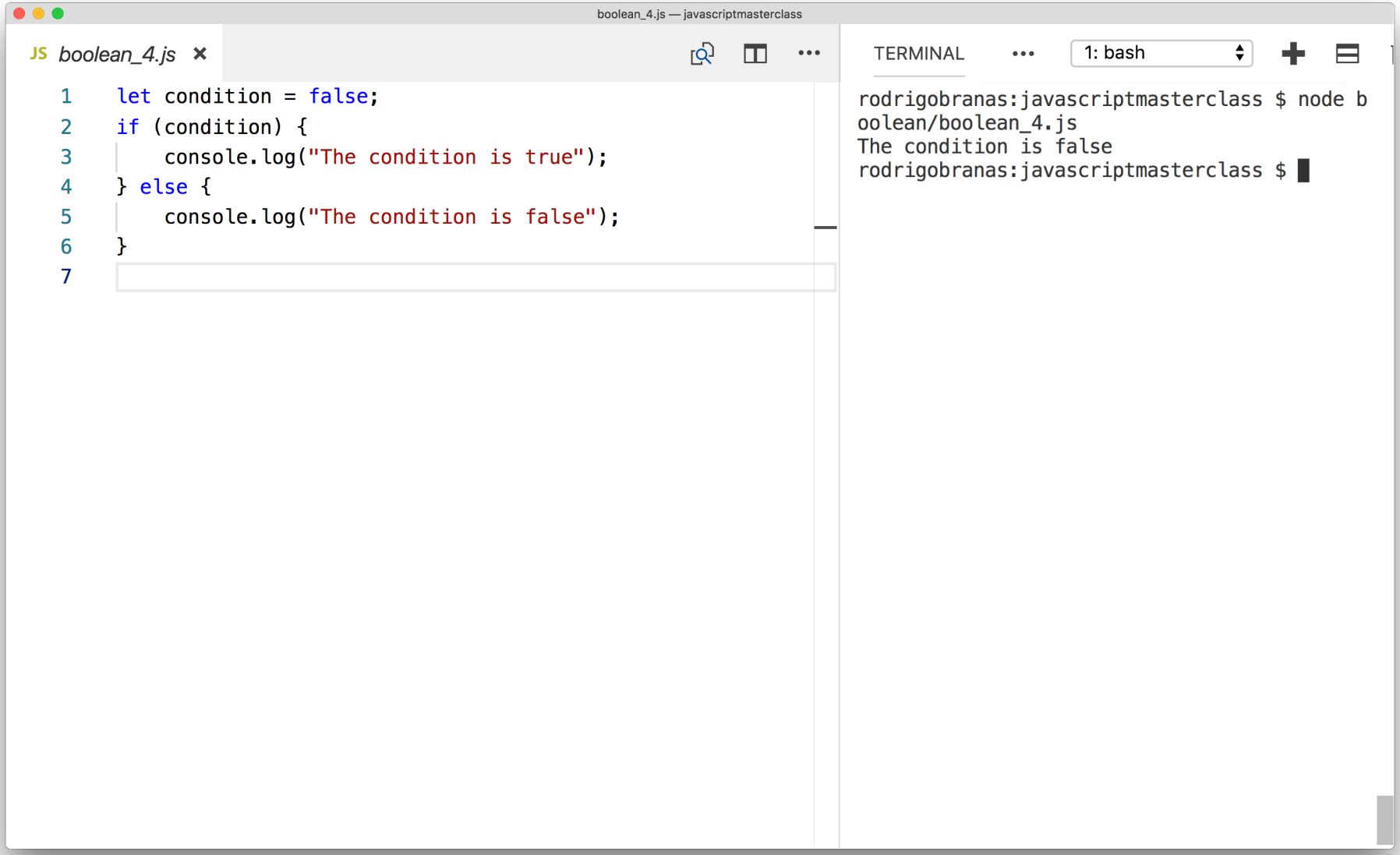
Boolean

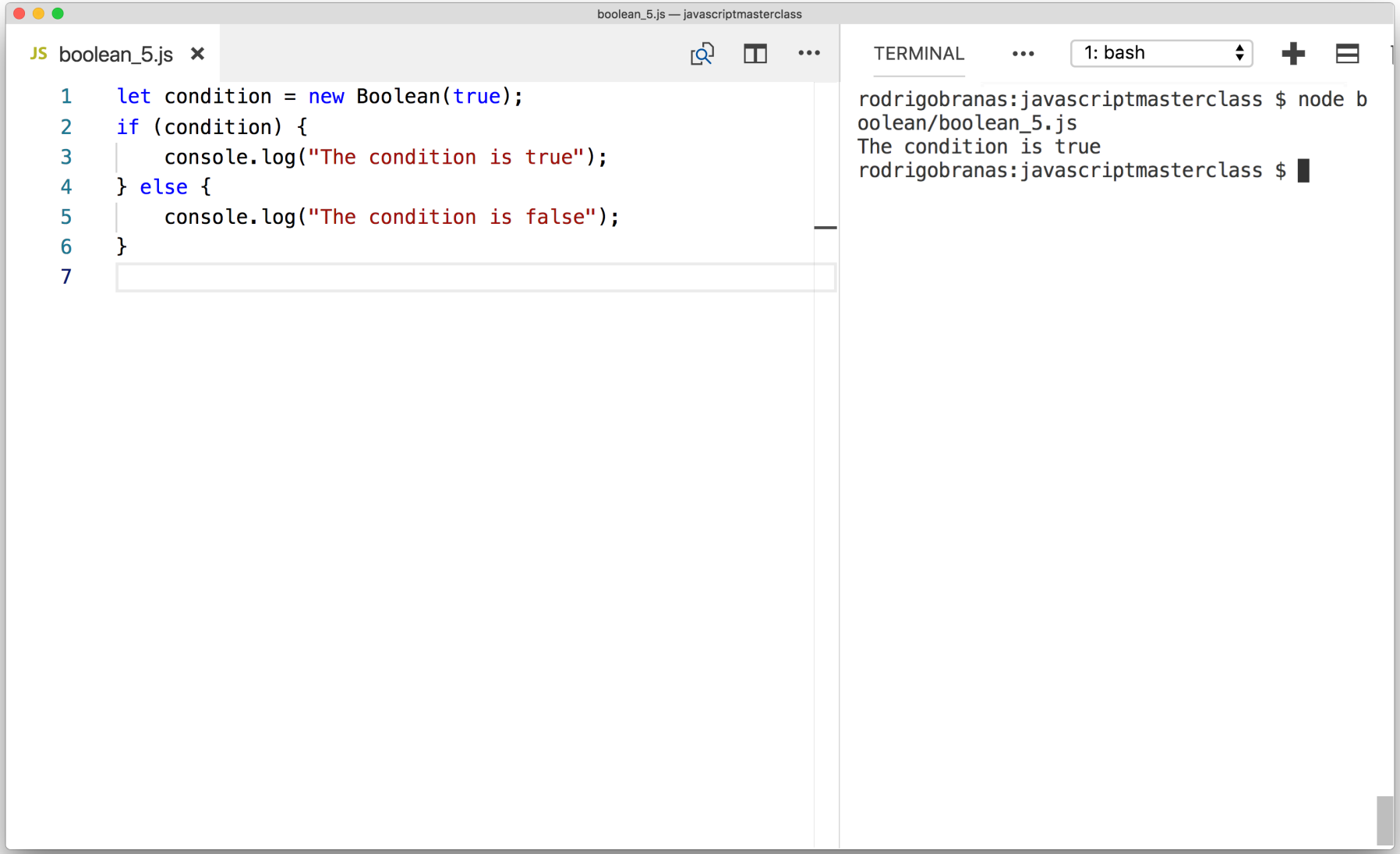
O tipo Boolean é primitivo, imutável e representado pelas palavras reservas true e false

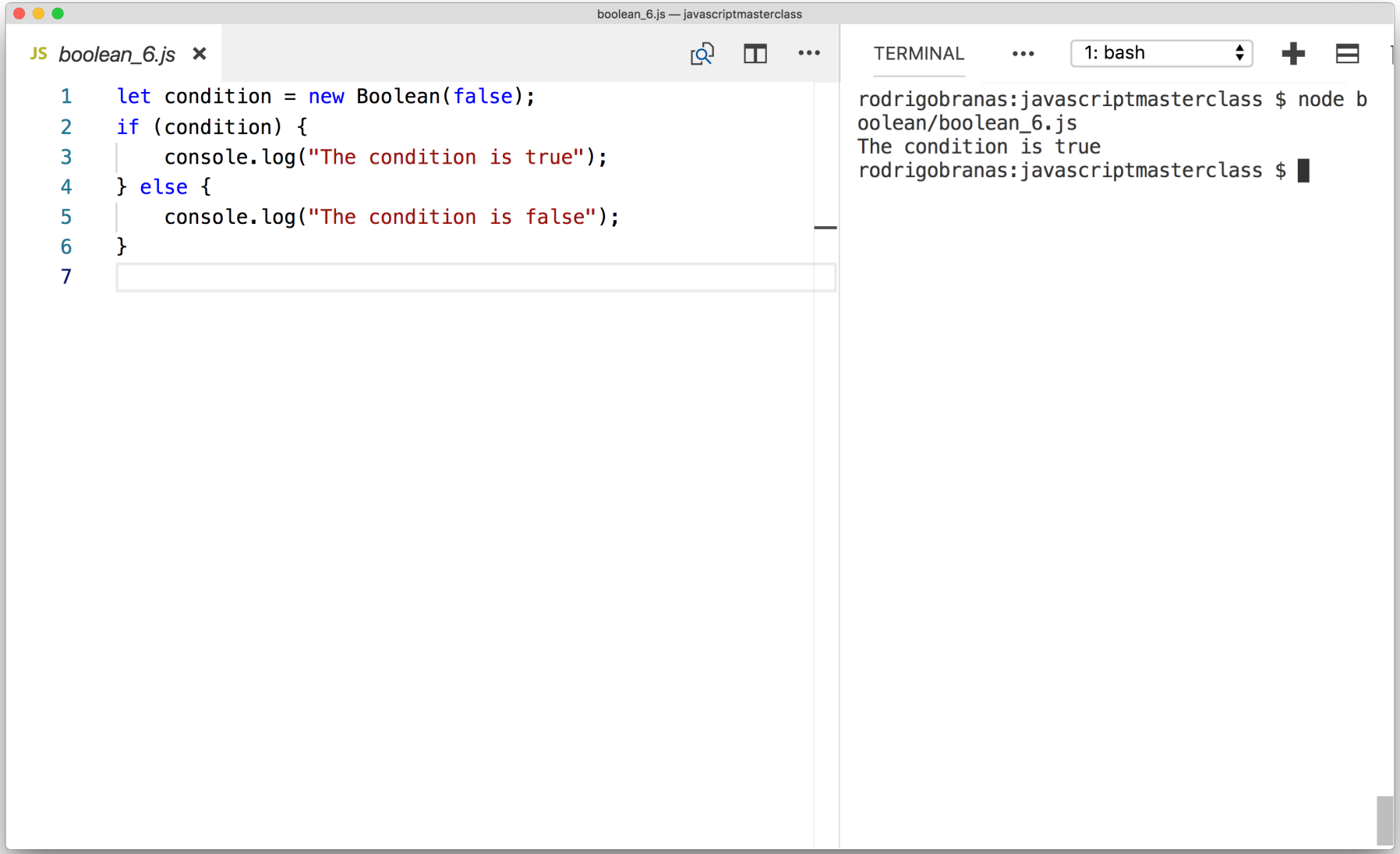

boolean_1.js — javascriptmasterclass
JS boolean_1.js
1 true;
2 false;
3
TERMINAL
1: node
rodrigobranas:javascriptmasterclass $ node
> true;
true
> false;
false
>


boolean_2.js — javascriptmasterclass
JS boolean_2.js
1 new Boolean(true);
2 new Boolean(false);
3
TERMINAL
1: node
rodrigobranas:javascriptmasterclass $ node
> new Boolean(true);
[Boolean: true]
> new Boolean(false);
[Boolean: false]
>


boolean_3.js — javascriptmasterclass
JS boolean_3.js
let condition = true;
if (condition) {
console.log("The condition is true");
} else {
console.log("The condition is false");
}
TERMINAL
1: bash
rodrigobranas:javascriptmasterclass $ node b
oolean/boolean_3.js
The condition is true
rodrigobranas:javascriptmasterclass $

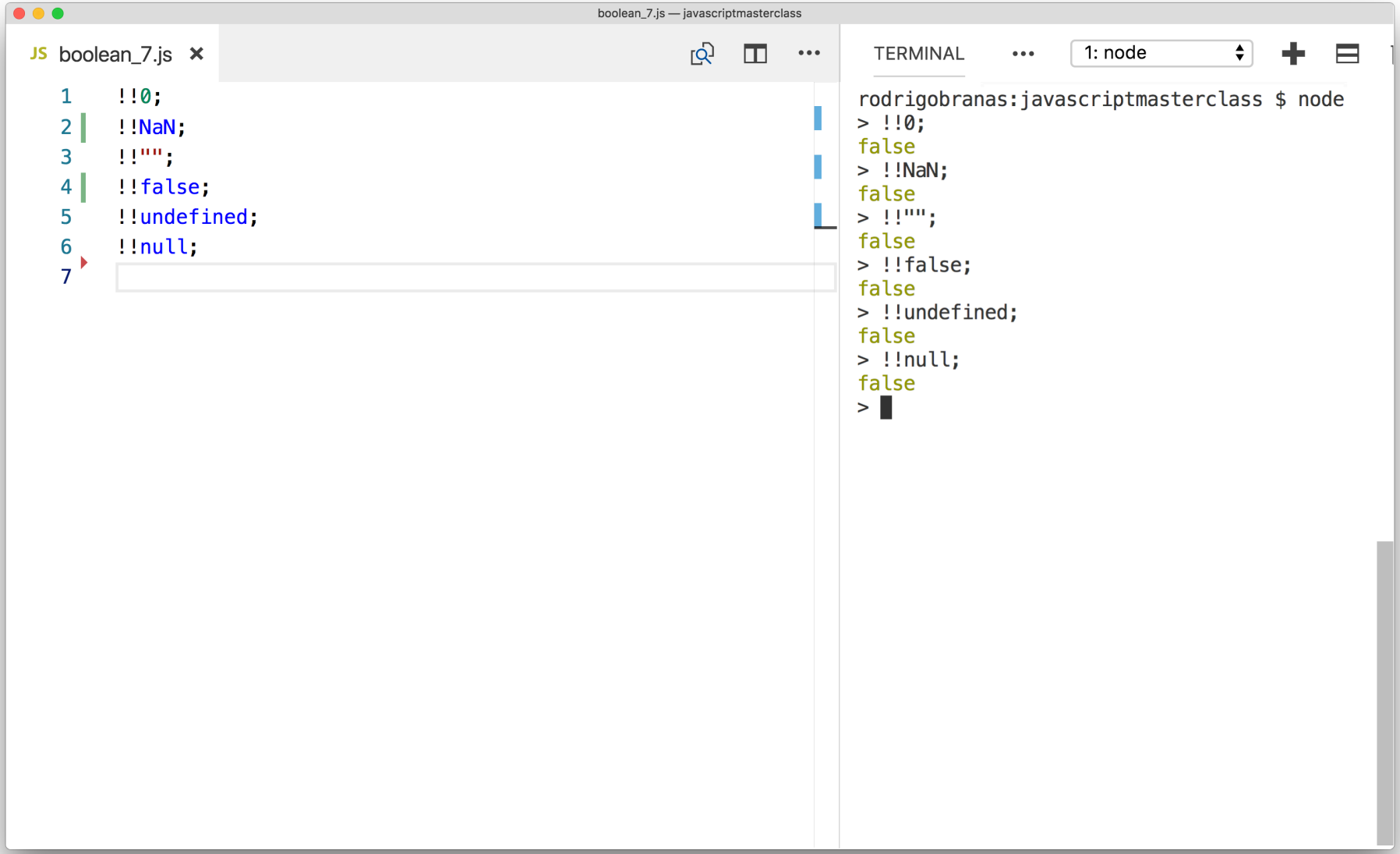

boolean_4.js — javascriptmasterclass
JS boolean_4.js
1 let condition = false;
2 if (condition) {
3 console.log("The condition is true");
4 } else {
5 console.log("The condition is false");
6 }
7
TERMINAL
1: bash
rodrigobranas:javascriptmasterclass $ node b
oolean/boolean_4.js
The condition is false
rodrigobranas:javascriptmasterclass $

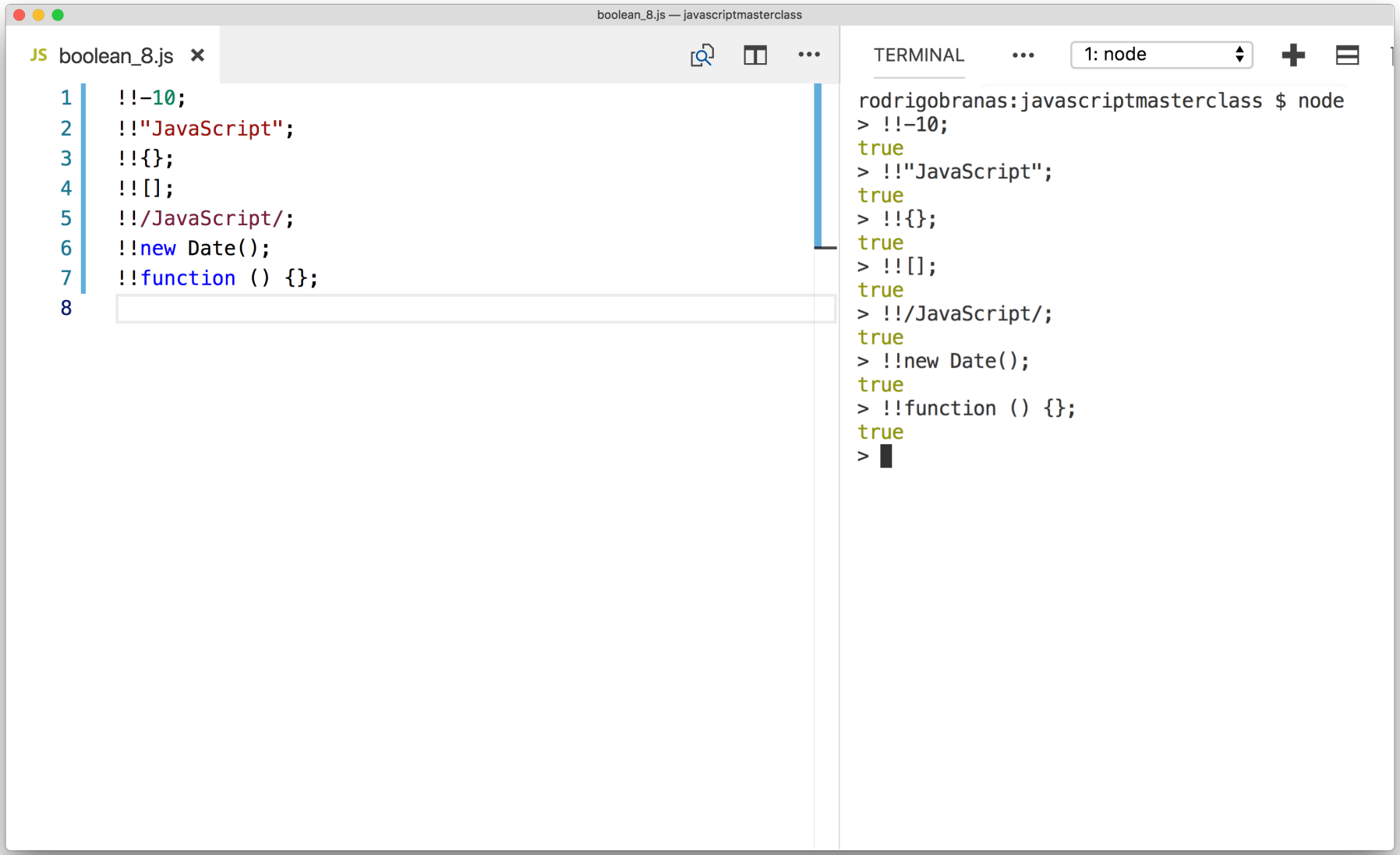

boolean_5.js — javascriptmasterclass
boolean_5.js
let condition = new Boolean(true);
if (condition) {
console.log("The condition is true");
} else {
console.log("The condition is false");
}
TERMINAL
1: bash
rodrigobranas:javascriptmasterclass $ node b
oolean/boolean_5.js
The condition is true
rodrigobranas:javascriptmasterclass $


boolean_6.js — javascriptmasterclass
JS boolean_6.js
let condition = new Boolean(false);
if (condition) {
console.log("The condition is true");
} else {
console.log("The condition is false");
}
TERMINAL
1: bash
rodrigobranas:javascriptmasterclass $ node b
oolean/boolean_6.js
The condition is true
rodrigobranas:javascriptmasterclass $

Cuidado com a coersão de tipo

A coersão de tipo acontece quando um tipo de dado é utilizado em um contexto onde ele é convertido de forma implícita ou explícita


boolean_7.js — javascriptmasterclass
boolean_7.js
1 !!0;
2 !!NaN;
3 !!"";
4 !!false;
5 !!undefined;
6 !!null;
7
TERMINAL
1: node
rodrigobranas:javascriptmasterclass $ node
> !!0;
false
> !!NaN;
false
> !!"";
false
> !!false;
false
> !!undefined;
false
> !!null;
false
>


boolean_8.js — javascriptmasterclass
JS boolean_8.js
1 !!-10;
2 !!"JavaScript";
3 !!{};
4 !![];
5 !!/JavaScript/;
6 !!new Date();
7 !!function () {};
8
TERMINAL
1: node
rodrigobranas:javascriptmasterclass $ node
> !!-10;
true
> !!"JavaScript";
true
> !!{};
true
> !![];
true
> !!/JavaScript/;
true
> !!new Date();
true
> !!function () {};
true
>