

Linguagem JavaScript (Parte I) - REVISÃO

INTRODUÇÃO

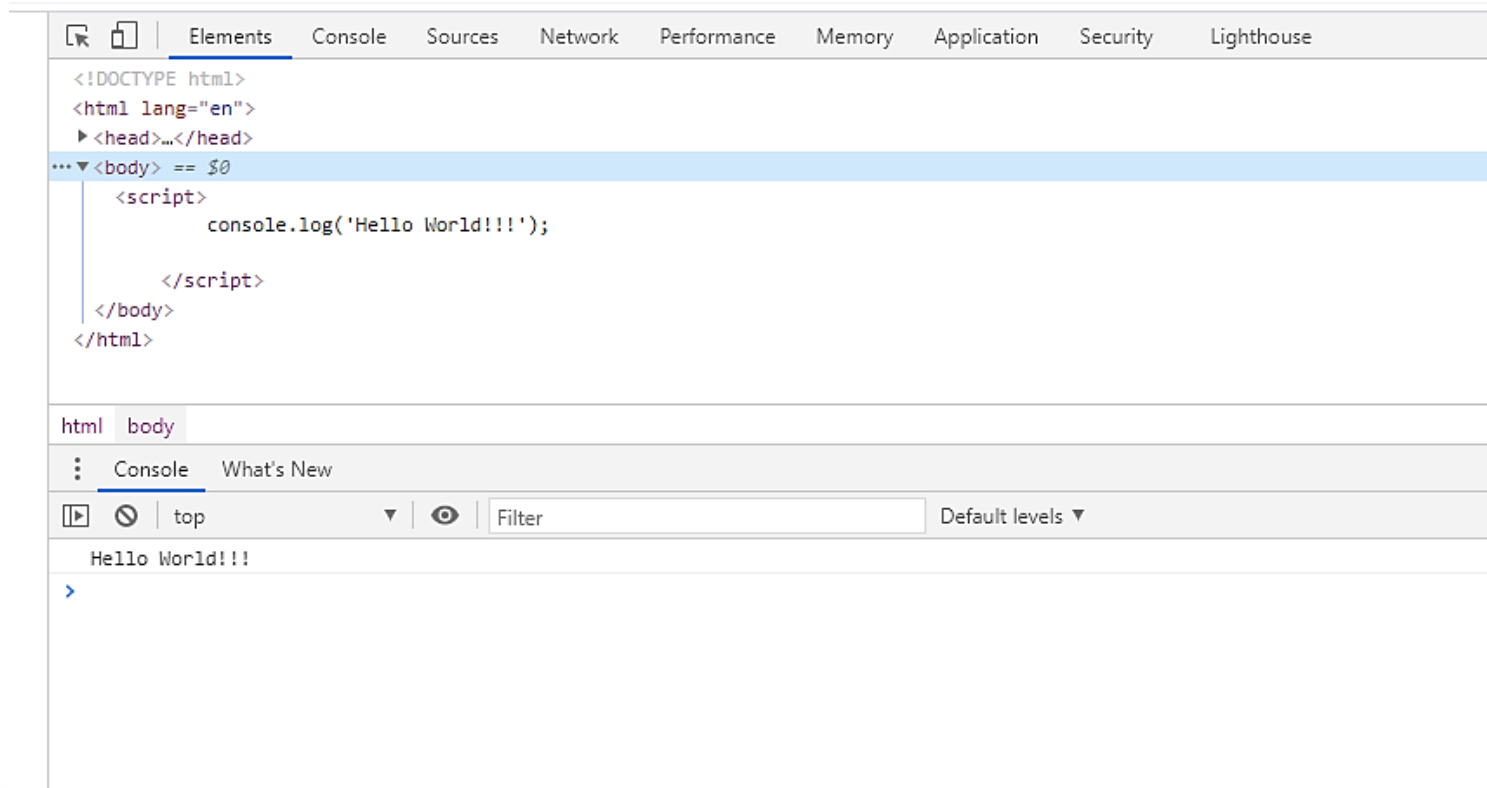
<> js01Revisao.html X

JSCOMPLETO > <> js01Revisao.html > html > body > script

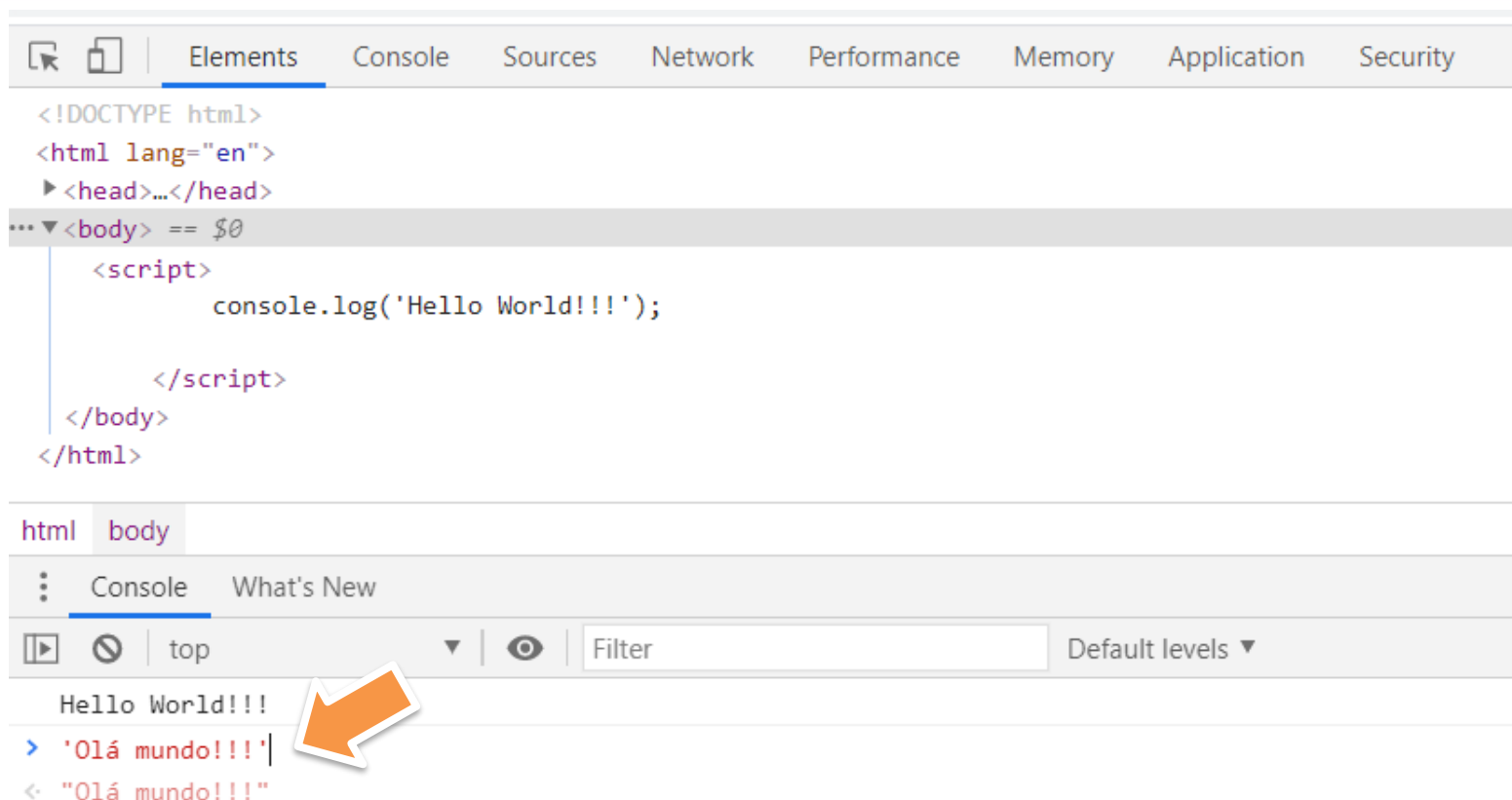
```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>JS PARTE 1 REVISÃO</title>
7  </head>
8  <body>
9      <script>
10         console.log('Hello World!!!');
11     </script>
12
13
14 </body>
15 </html>
```

Linguagem JavaScript (Parte I) - REVISÃO

Executar no navegador e teclar **F12** para exibir no console.




Linguagem JavaScript (Parte I) - REVISÃO




Linguagem JavaScript (Parte I) - REVISÃO

```
JSCOMPLETO > <> js01Revisao.html > ...  
1  <!DOCTYPE html>  
2  <html lang="en">  
3  <head>  
4      <meta charset="UTF-8">  
5      <meta name="viewport" content="width=device-width initial-scale=1.0">  
6      <title>JS PARTE 1 REVISÃO</title>  
7      <script src="js01Revisao.js"></script>  
8  </head>  
9  <body>  
10     <  
11  
12 </body>  
13 </html>  
14
```



```
<> js01Revisao.html  JS js01Revisao.js ●  
JSCOMPLETO > JS js01Revisao.js  
1  console.log("Olá Mundoooo!!!")  
2  |
```



Linguagem JavaScript (Parte I) - REVISÃO

COMENTÁRIOS: Ignoram trechos de códigos

The screenshot shows the Chrome DevTools interface with the 'Sources' tab selected. The file 'js01Revisao.js' is open, displaying the following code:

```
1 console.log("comentários");
2 console.log("comentário de linha utiliza //");
3 //console.log("comentários");
4 console.log("comentário de bloco utiliza /* */");
5 /*console.log("comentários");
6 console.log("comentários");
7 console.log("comentários");
8 */
9
10
```

The left sidebar shows the file structure with 'js01Revisao.html' and 'js01Revisao.js'. The bottom panel shows the 'Console' tab with the following output:

```
comentários
comentário de linha utiliza //
comentário de bloco utiliza /* */
```

The status bar at the bottom indicates 'Line 6, Column 1' and 'Coverage: n/a'.

Linguagem JavaScript (Parte I) - REVISÃO

VARIÁVEL: Um espaço na memória que armazena valor

The screenshot displays a web browser's developer console. The top section shows the file system with a tree view containing 'top', 'file://', and a folder 'C:/Users/Roberto%20L'. Inside this folder are 'js01Revisao.html' and 'js01Revisao.js'. The main editor area shows the content of 'js01Revisao.js' with the following code:

```
6 console.log("comentários");
7 console.log("comentários");
8 */
9
10 //Variáveis
11 var helloWorld = "Olá Mundo!!!";
12 console.log(helloWorld);
13 console.log(helloWorld);
14 console.log(helloWorld);
15
```

The status bar at the bottom of the editor indicates the cursor is at 'Line 11, Column 7'. Below the editor, the 'Console' tab is active, showing the output of the script:

```
Olá Mundo!!!
Olá Mundo!!!
Olá Mundo!!!
```

Linguagem JavaScript (Parte I) - REVISÃO

The screenshot displays a web browser's developer tools interface. The top navigation bar includes tabs for Elements, Console, Sources, Network, Performance, Memory, Application, Security, and Lighthouse. The 'Sources' tab is active, showing a file explorer on the left with the path 'C:/Users/Roberto%20L...' and files 'js01Revisao.html' and 'js01Revisao.js'. The main pane shows the code in 'js01Revisao.js' with line numbers 11 through 21. The code defines a variable 'helloWorld' and logs it three times. The bottom pane shows the 'Console' tab with three log entries: 'Olá Mundo!!! ==>>> Hello World!!!'. The status bar at the bottom indicates 'Line 11, Column 7' and 'Coverage: n/a'.

```
11 // var helloWorld = "Olá Mundo!!!";  
12 console.log(helloWorld);  
13 console.log(helloWorld);  
14 console.log(helloWorld);*/  
15  
16 var helloWorld = "Olá Mundo!!! ==>>> Hello World!!!";  
17 console.log(helloWorld);  
18 console.log(helloWorld);  
19 console.log(helloWorld);  
20  
21
```

Olá Mundo!!! ==>>> Hello World!!!
Olá Mundo!!! ==>>> Hello World!!!
Olá Mundo!!! ==>>> Hello World!!!

Linguagem JavaScript (Parte I) - REVISÃO

The screenshot displays a web browser's developer console with the 'Sources' tab selected. The file 'js01Revisao.js' is open, showing JavaScript code with comments in Portuguese. The code declares variables using 'let' and 'const', logs their values to the console, and uses 'console.log' for debugging. The output in the 'Console' tab shows the logged values: 'Olá mundo!!!', '25', and '25.5'.

```
20
21 //Comandos para declarar variáveis
22 //var o que sempre foi utilizado
23 //let declara variáveis por escopo de atuação(leva consideração o escopo em que foi
24 //const declara constantes
25
26 // Tipos de variáveis: String, Number, Boolean, Objetos, Funções
27 // Não declara tipo, JS fracamente tipada
28
29 //Tipo string recebe cadeia de caracteres
30 let caracter = "Olá mundo!!!"
31 console.log(caracter);
32 //Tipo number recebe números
33 let num1 = 25
34 let num2 = 25.5
35 console.log(num1);
36 console.log(num2);
37
38
39
40
41
```

Line 11, Column 7 Coverage: n/a

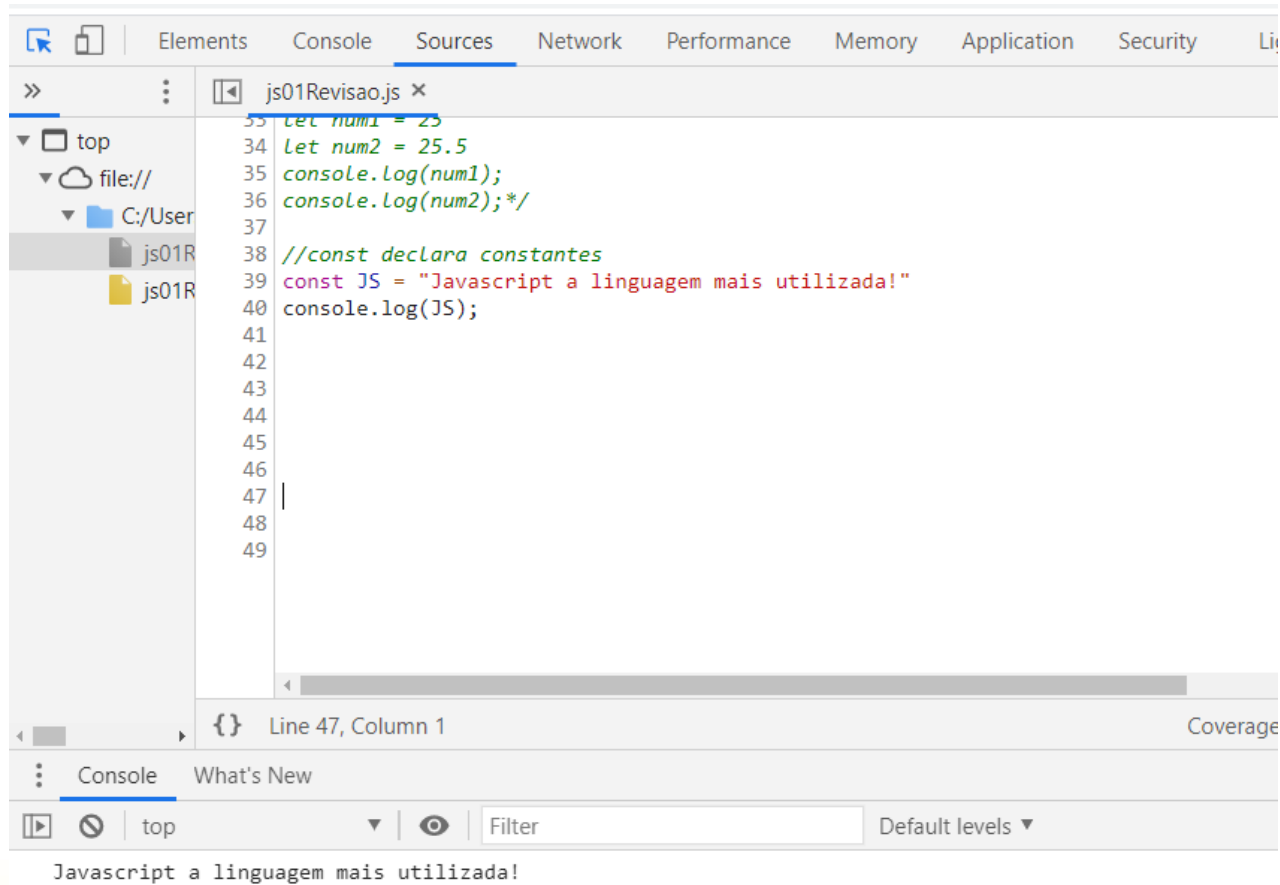
Console What's New

Olá mundo!!!

25

25.5

Linguagem JavaScript (Parte I) - REVISÃO



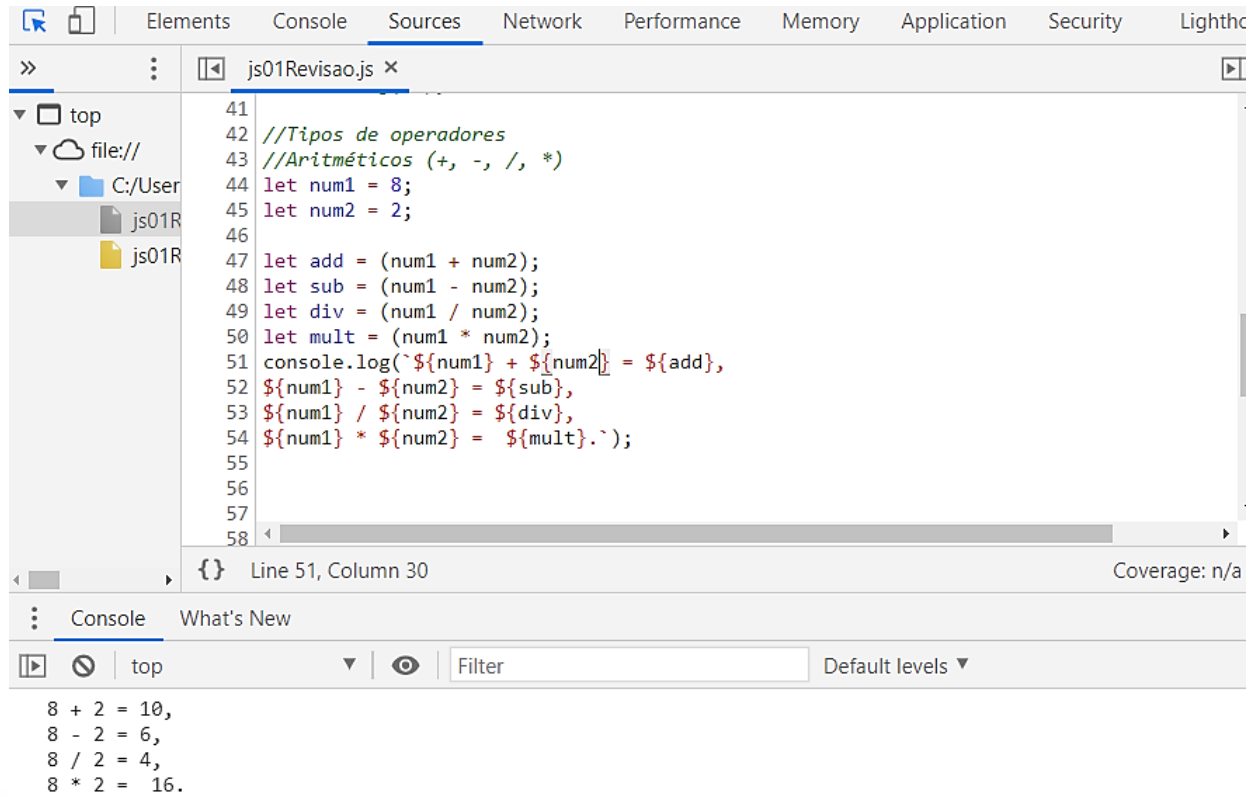
The screenshot displays a web browser's developer console with the 'Sources' tab selected. The file 'js01Revisao.js' is open, showing the following JavaScript code:

```
33 let num1 = 25
34 let num2 = 25.5
35 console.log(num1);
36 console.log(num2);*/
37
38 //const declara constantes
39 const JS = "Javascript a linguagem mais utilizada!"
40 console.log(JS);
41
42
43
44
45
46
47 |
48
49
```

The 'Console' tab at the bottom shows the output of the code: 'Javascript a linguagem mais utilizada!'. The status bar at the bottom indicates 'Line 47, Column 1' and 'Coverage'.

Linguagem JavaScript (Parte I) - REVISÃO

OPERADORES



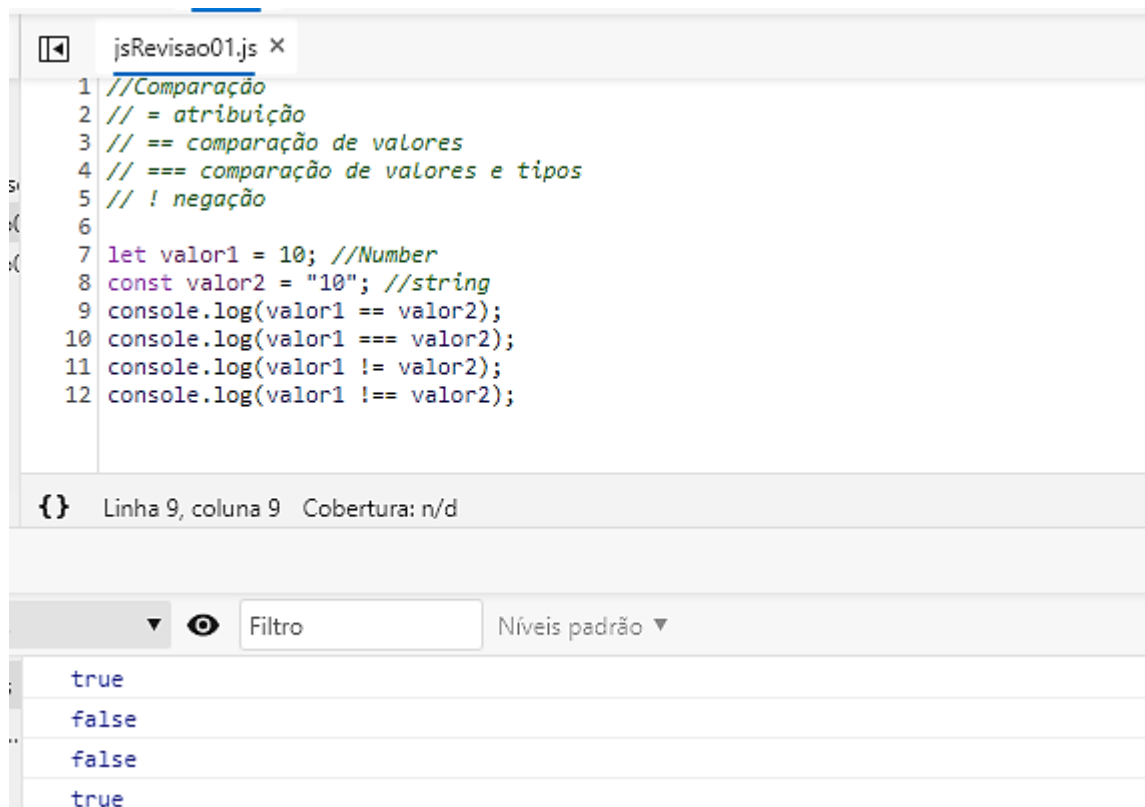
The screenshot shows a web browser's developer console with the 'Sources' tab selected. The file 'js01Revisao.js' is open, displaying the following JavaScript code:

```
41
42 //Tipos de operadores
43 //Aritméticos (+, -, /, *)
44 let num1 = 8;
45 let num2 = 2;
46
47 let add = (num1 + num2);
48 let sub = (num1 - num2);
49 let div = (num1 / num2);
50 let mult = (num1 * num2);
51 console.log(`${num1} + ${num2} = ${add},
52 ${num1} - ${num2} = ${sub},
53 ${num1} / ${num2} = ${div},
54 ${num1} * ${num2} = ${mult}.`);
55
56
57
58
```

The console output shows the results of the arithmetic operations:

```
8 + 2 = 10,
8 - 2 = 6,
8 / 2 = 4,
8 * 2 = 16.
```

Linguagem JavaScript (Parte I) - REVISÃO

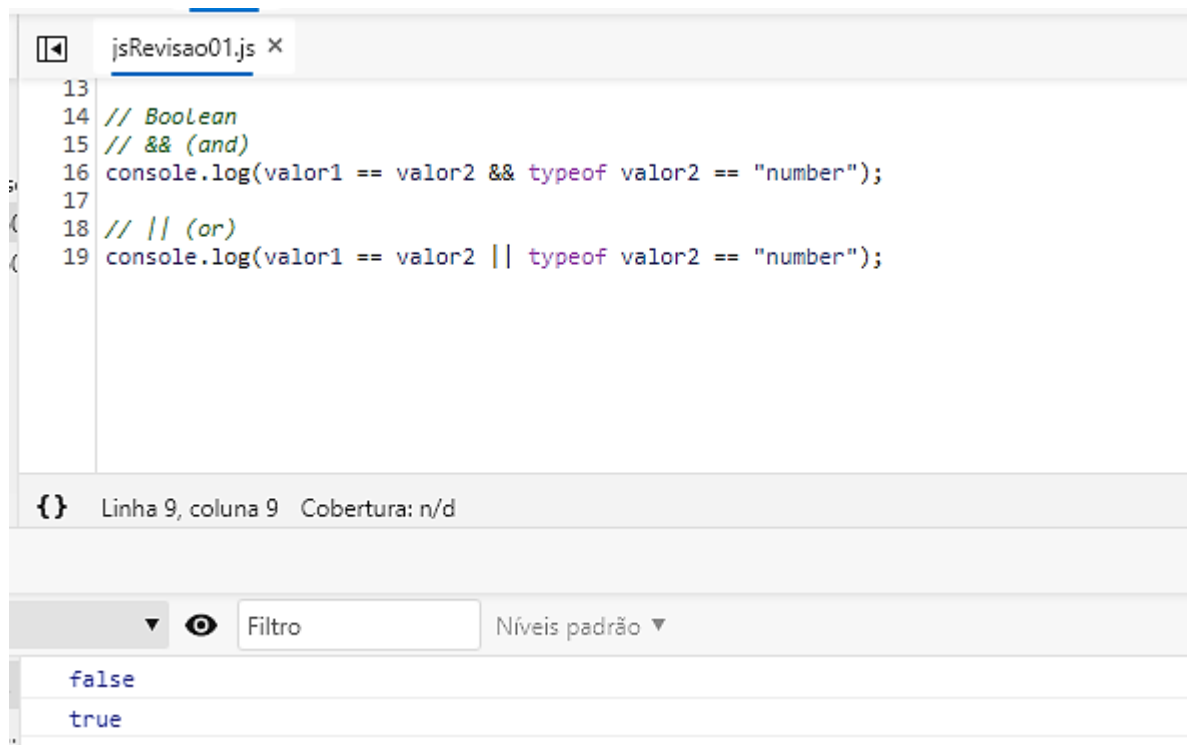


The screenshot shows a code editor with a file named 'jsRevisao01.js'. The code contains comments in Portuguese and JavaScript code demonstrating comparison and assignment operators. The code is as follows:

```
1 //Comparação
2 // = atribuição
3 // == comparação de valores
4 // === comparação de valores e tipos
5 // ! negação
6
7 let valor1 = 10; //Number
8 const valor2 = "10"; //string
9 console.log(valor1 == valor2);
10 console.log(valor1 === valor2);
11 console.log(valor1 != valor2);
12 console.log(valor1 !== valor2);
```

Below the code, there is a status bar showing '{ }' and 'Linha 9, coluna 9 Cobertura: n/d'. At the bottom, there is a filter bar with a search icon, a text input labeled 'Filtro', and a dropdown menu labeled 'Níveis padrão'. Below the filter bar, there is a list of four items: 'true', 'false', 'false', and 'true'.

Linguagem JavaScript (Parte I) - REVISÃO



```
jsRevisao01.js x
13
14 // Boolean
15 // && (and)
16 console.log(valor1 == valor2 && typeof valor2 == "number");
17
18 // || (or)
19 console.log(valor1 == valor2 || typeof valor2 == "number");
```

{ } Linha 9, coluna 9 Cobertura: n/d

▼ 🔍 Filtro Níveis padrão ▼

```
false
true
```

Linguagem JavaScript (Parte I) - REVISÃO



The screenshot shows a code editor with a file named `jsRevisao01.js`. The code is as follows:

```
20 //Estrutura de Decisão
21 //if else
22 let cor = 'verde';
23
24 if(cor === 'verde'){
25     console.log('Siga!!!');
26 } else{
27     console.log('Pare!!!');
28 }
29 |
```

Below the code editor, a status bar indicates: `{ }` Linha 1, coluna 1 Cobertura: n/d.

At the bottom, there is a console output area. It includes a search filter input labeled "Filtro", a dropdown menu labeled "Níveis padrão", and a single log entry: `Siga!!!`.

Linguagem JavaScript (Parte I) - REVISÃO



The screenshot shows a code editor with a file named 'jsRevisao01.js'. The code is as follows:

```
29
30 //else if
31 let cor = 'amarelo';
32
33 if(cor === 'verde'){
34     console.log('Siga!!!');
35 } else if(cor === 'amarelo'){
36     console.log('Atenção!!!');
37 } else{
38     console.log('Pare!!!');
39 }
40
```

Below the code editor, a status bar indicates '{ } Linha 10, coluna 10 Cobertura: n/d'. At the bottom, there is a filter input field and a dropdown menu set to 'Níveis padrão'. The output console at the very bottom displays the text 'Atenção!!!'.

Linguagem JavaScript (Parte I) - REVISÃO



The screenshot shows a code editor with a file named 'jsRevisao01.js'. The code is a JavaScript switch statement that checks the value of a variable 'cor' and logs different messages to the console based on its value. The code is as follows:

```
41 //switch
42 let cor = 'azul';
43
44 switch(cor){
45     case 'verde':
46         console.log('Siga!!!');
47         break;
48     case 'amarelo':
49         console.log('Atenção!!!');
50         break;
51     case 'vermelho':
52         console.log('Pare!!!');
53         break;
54     default:
55         console.log('Escolha uma cor válida.');
```

Below the code editor, there is a status bar showing '{ }' and 'Linha 9, coluna 9 Cobertura: n/d'. At the bottom, there is a search bar with the text 'Escolha uma cor válida.' and a dropdown menu showing 'Filtro' and 'Níveis padrão'.

Linguagem JavaScript (Parte I) - REVISÃO

jsRevisao01.js ×

```
57
58 //Estrutura de Repetição
59 //for
60 let num = 7;
61
62 for (let cont = 1; cont <= 10; cont++){
63     console.log(`${cont} X ${num} = ${cont * num}`);
64     // concatenação ${ } template string, funciona com crase
65 }
66
```

{ } Linha 9, coluna 9 Cobertura: n/d

▼ 🔍 Filtro Níveis padrão ▼

1	X	7	=	7
2	X	7	=	14
3	X	7	=	21
4	X	7	=	28
5	X	7	=	35
6	X	7	=	42
7	X	7	=	49
8	X	7	=	56
9	X	7	=	63
10	X	7	=	70