

Curso JavaScript

Curso em Vídeo (Gustavo Guanabara)

<https://www.youtube.com/watch?v=BXqUH86F-kA&list=PLntvgXM11X6pi7mW0O4ZmfUI1xDSIbmTm>

Resumo do curso feito por Roberto Pinheiro

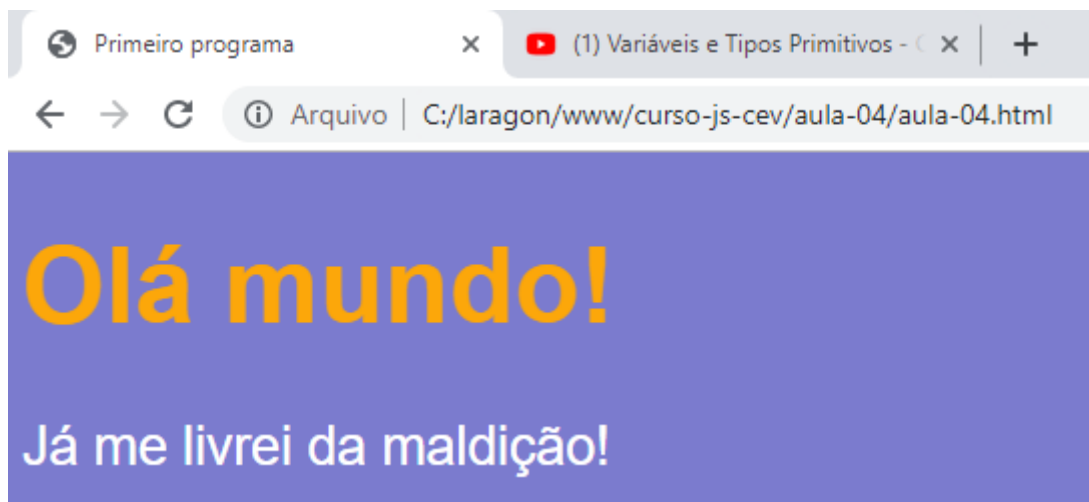
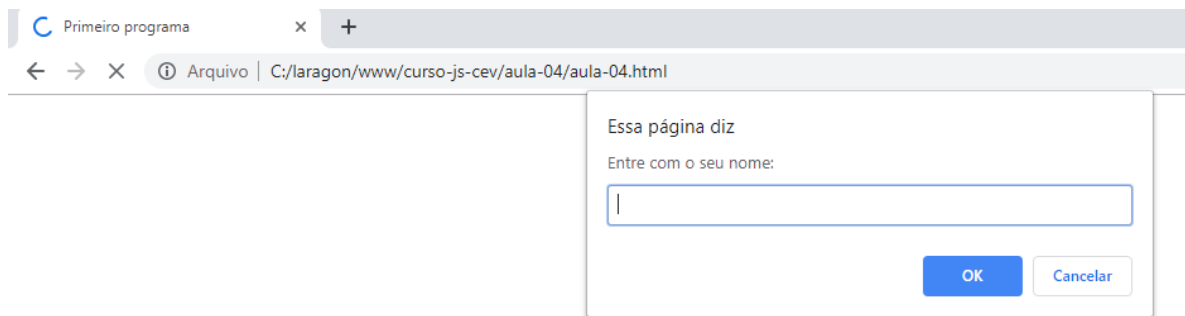
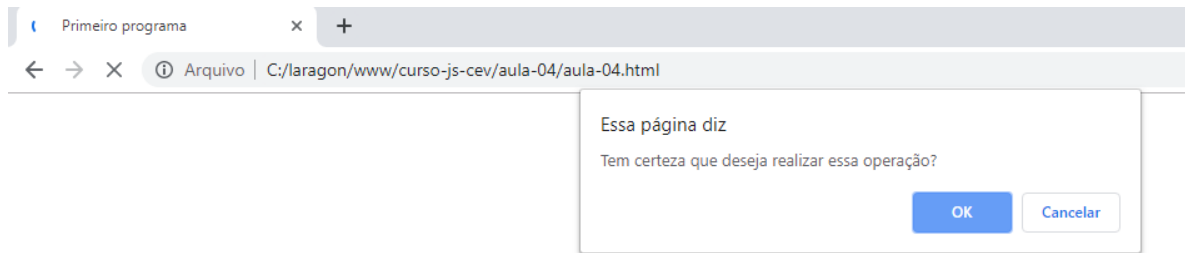
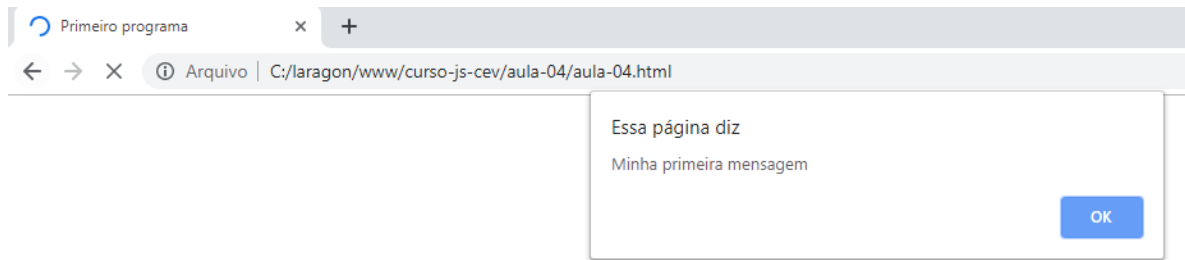
AULA 04 – CRIANDO O PRIMEIRO SCRIPT

C:/laragon/www/curso-js-cev/aula-04/aula-04.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Primeiro programa</title>
  <style>
    body{
      background-color: rgb(123, 123, 206);
      font: normal 20pt Arial;
      color: white;
    }
    h1 {
      color: rgb(252, 167, 10);
    }
  </style>
</head>
<body>
  <h1>Olá mundo!</h1>
  <p>Já me livrei da maldição!</p>

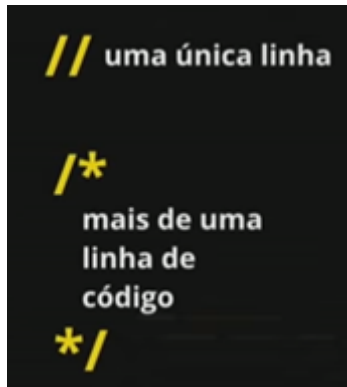
  <script>
    window.alert("Minha primeira mensagem");
    window.confirm("Tem certeza que deseja realizar essa operação?");
    window.prompt("Entre com o seu nome:");
  </script>

</body>
</html>
```

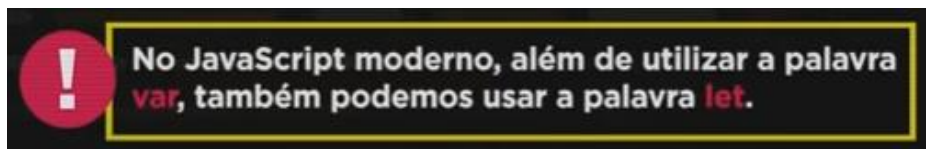


AULA 05 – VARIÁVEIS E TIPOS PRIMITIVOS

COMENTÁRIOS



VARIÁVEIS

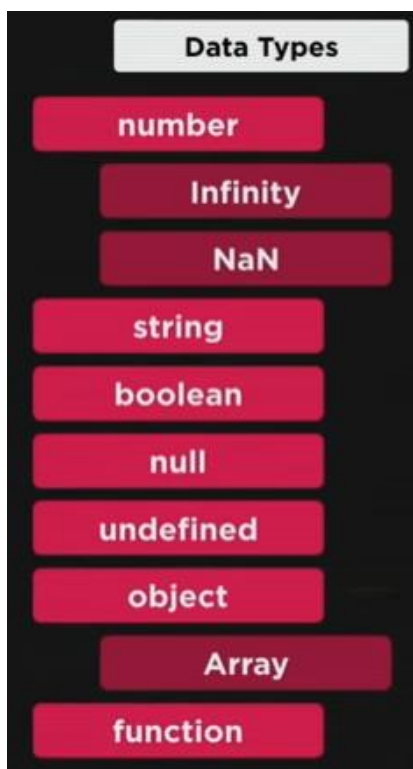
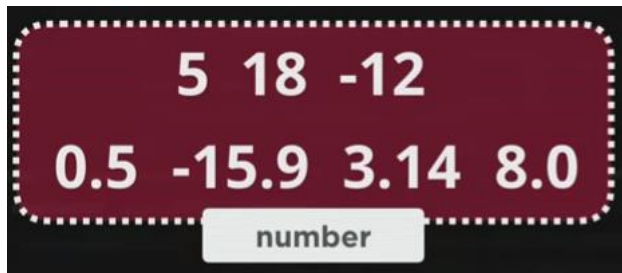


```
var s1 = "JavaScript"  
var s2 = 'Curso em Vídeo'  
var s3 = `Guanabara`
```

Regras para nomes de variáveis

- Podem começar com **letra**, **\$** ou **_**
- Não podem começar com **números**
- É possível usar **letras** ou **números**
- É possível usar **acentos** e **símbolos**
- Não podem conter **espaços**
- Não podem ser **palavras reservadas**

Tipos de dados (tipos primitivos)



typeof

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

> var n = 200
undefined
> n
200
> typeof n
'number'
> n = "Google"
'Google'
> typeof n
'string'
> typeof 6
'number'
> typeof 6.5
'number'
> typeof "6.5"
'string'
> typeof []
'object'
> typeof {}
'object'
> typeof function(){}
'function'
> typeof undefined
'undefined'
> typeof NaN
'number'
> typeof Infinity
'number'
> typeof null
'object'
> 
```

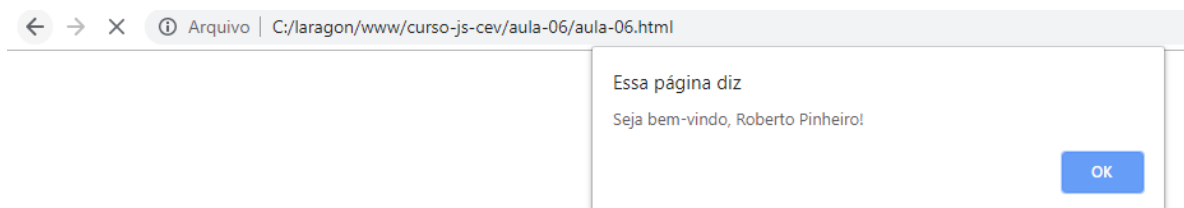
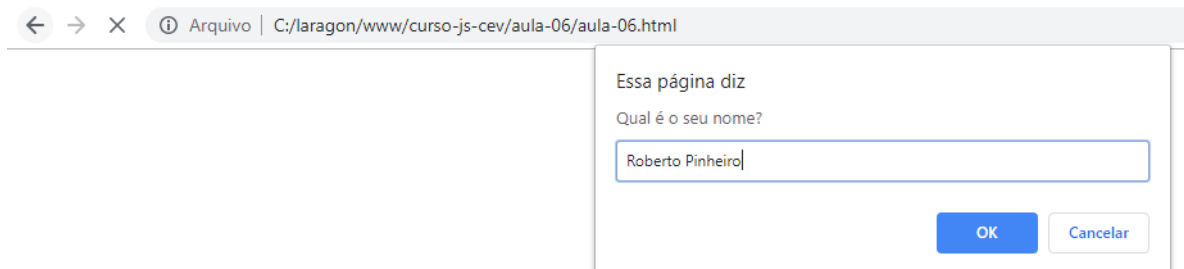
AULA 06 – TRATAMENTO DE DADOS

C:/laragon/www/curso-js-cev/aula-06/aula-06a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Tratamento de dados</title>
</head>
<body>

  <script>
    var nome = window.prompt("Qual é o seu nome?");
    window.alert('Seja bem-vindo, ' + nome + "!");
  </script>

</body>
</html>
```

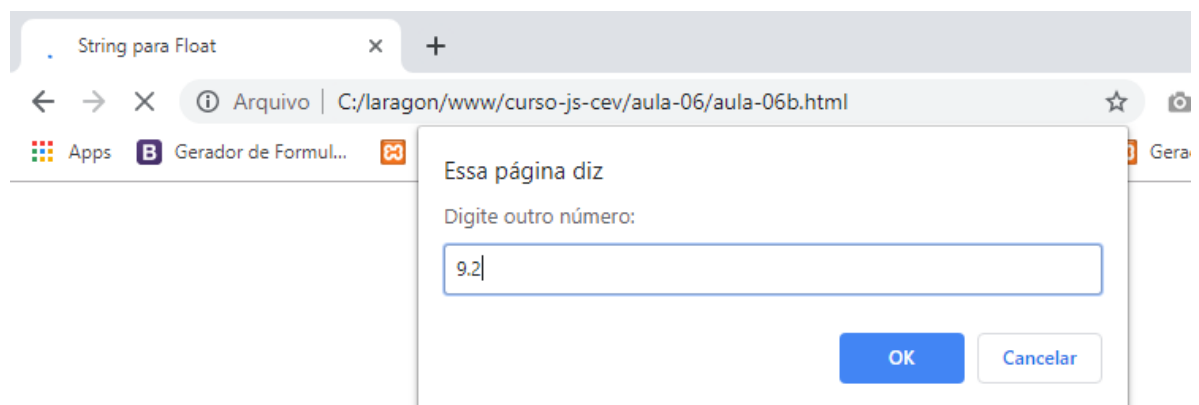
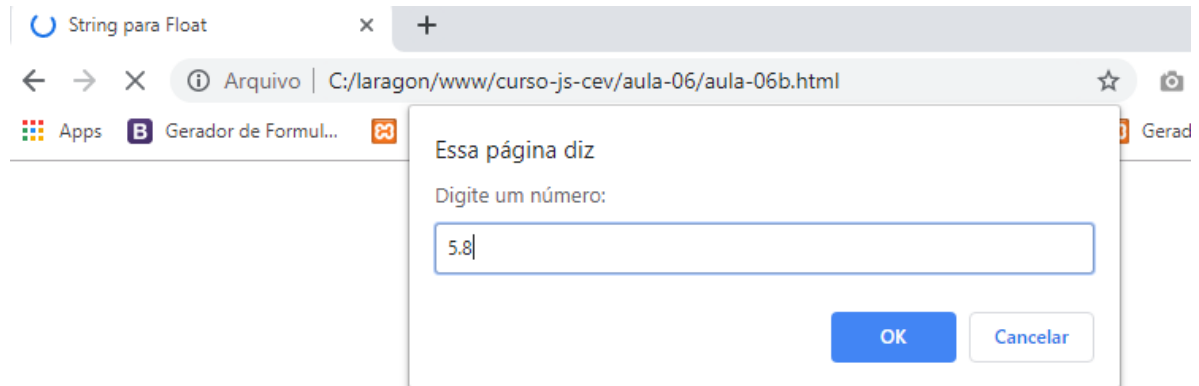


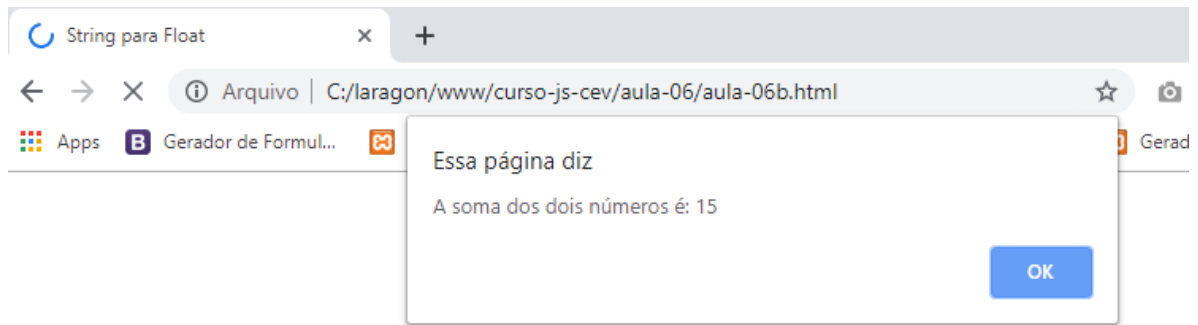
C:/laragon/www/curso-js-cev/aula-06/aula-06b.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>String para Float</title>
</head>
<body>

  <script>
    var n1 = Number.parseFloat(window.prompt("Digite um número: "));
    var n2 = Number.parseFloat(window.prompt("Digite outro número: "));
    var soma = n1 + n2;
    window.alert('A soma dos dois números é: ' + soma);
  </script>

</body>
</html>
```



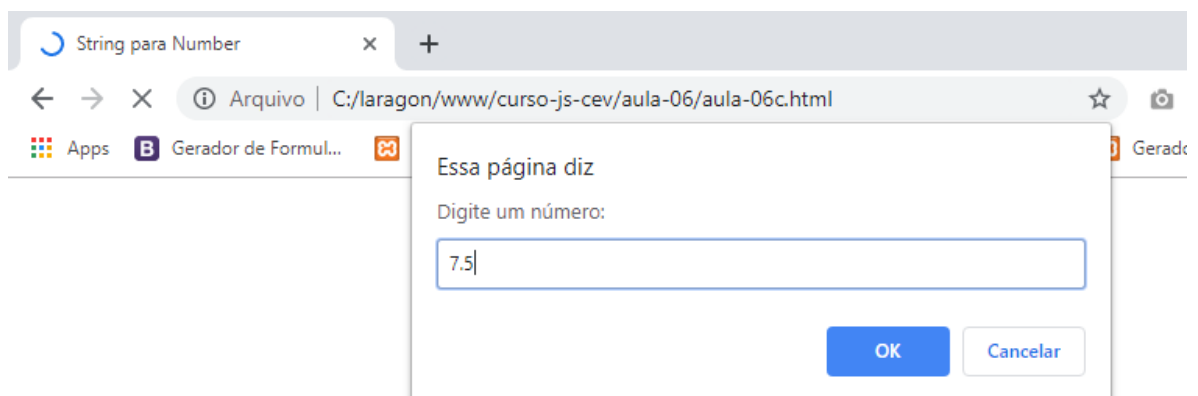


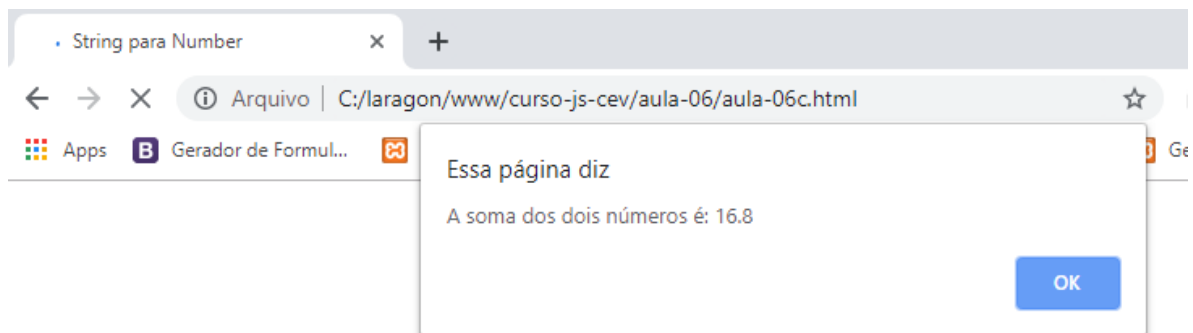
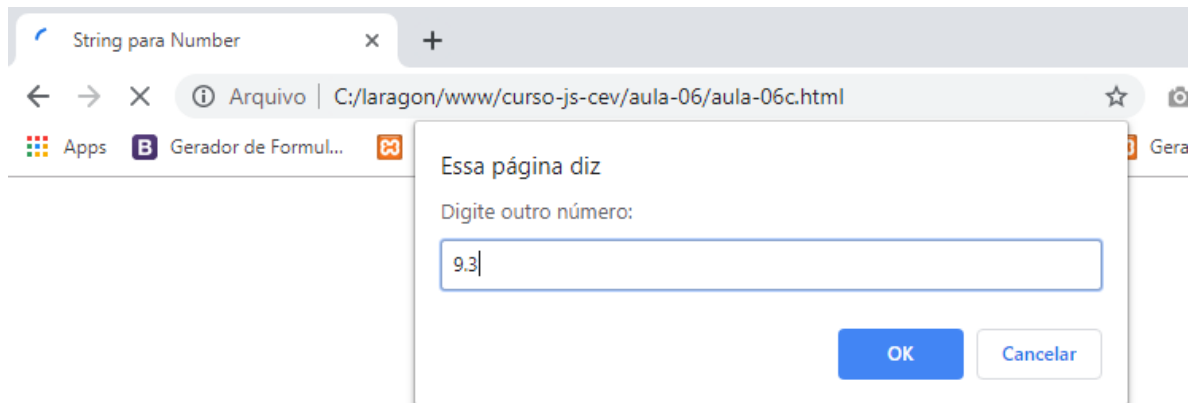
C:/laragon/www/curso-js-cev/aula-06/aula-06c.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>String para Number</title>
</head>
<body>

  <script>
    var n1 = Number(window.prompt("Digite um número: "));
    var n2 = Number(window.prompt("Digite outro número: "));
    var soma = n1 + n2;
    window.alert('A soma dos dois números é: ' + soma);
  </script>

</body>
</html>
```



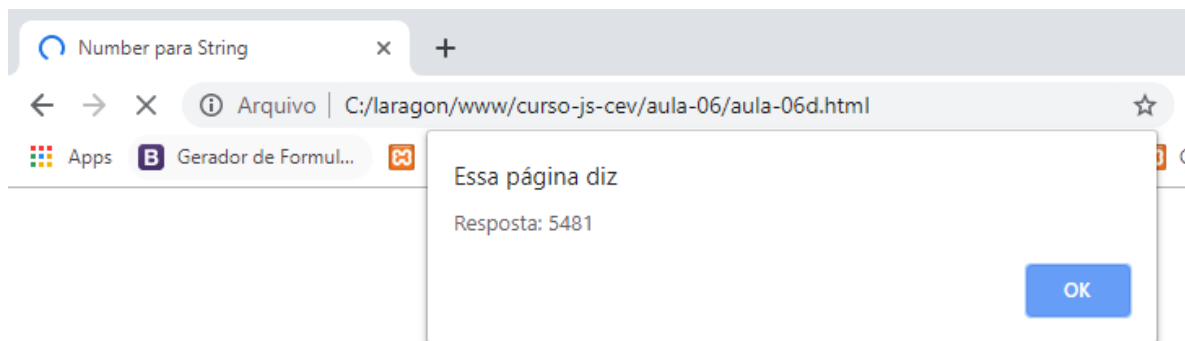
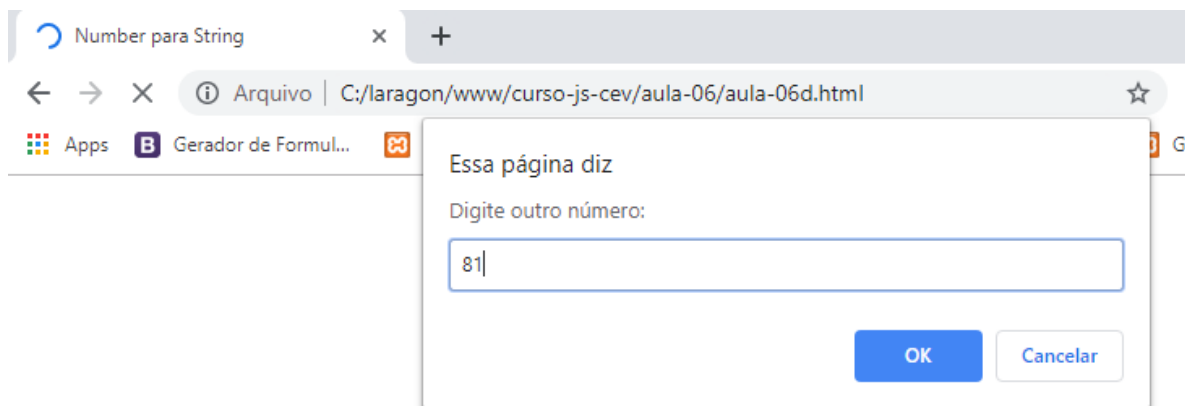
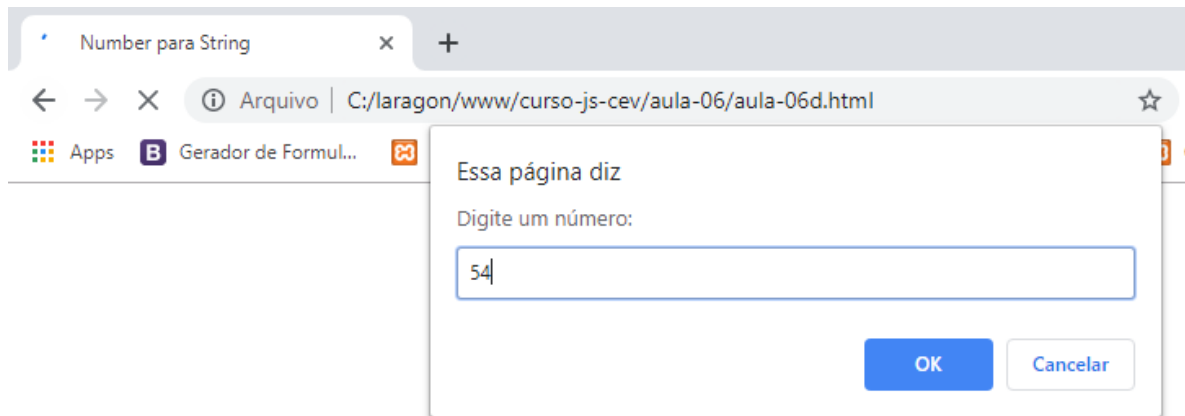


C:/laragon/www/curso-js-cev/aula-06/aula-06d.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Number para String</title>
</head>
<body>

  <script>
    var n1 = Number(window.prompt("Digite um número: "));
    var n2 = Number(window.prompt("Digite outro número: "));
    var soma = String(n1) + String(n2);
    window.alert('Resposta: ' + soma);
  </script>

</body>
</html>
```



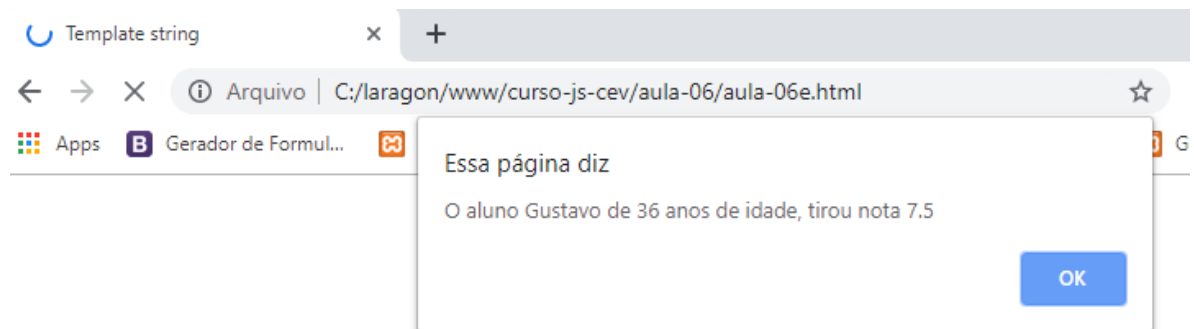
C:/laragon/www/curso-js-cev/aula-06/aula-06e.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Template string</title>
</head>
<body>

  <script>
    nome = 'Gustavo';
    idade = 36;
    nota = 7.5;

    // template string (use crase para envolver a string)
    window.alert(`O aluno ${nome} de ${idade} anos de idade, tirou nota ${nota}`);
  </script>

</body>
</html>
```



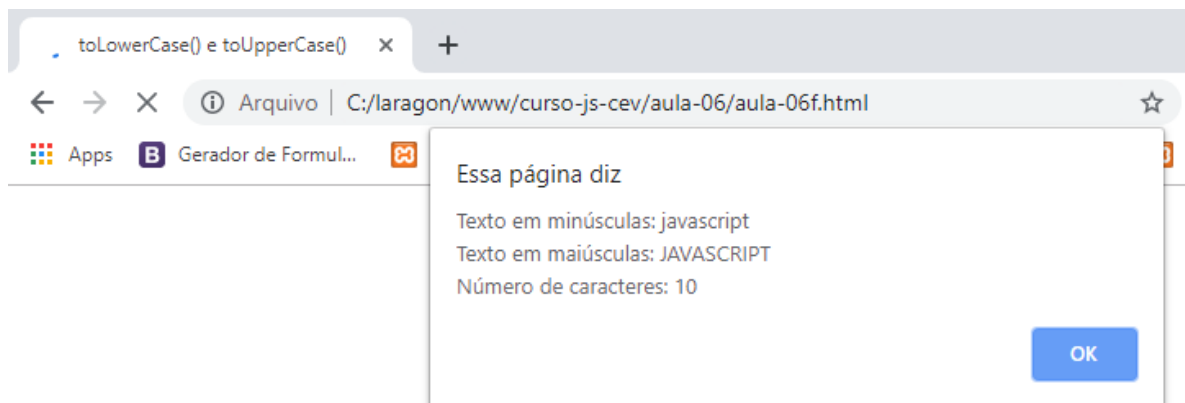
C:/laragon/www/curso-js-cev/aula-06/aula-06f.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>toLowerCase() e toUpperCase()</title>
</head>
<body>

  <script>
    var s = 'JavaScript';

    window.alert('Texto em minúsculas: ' + s.toLowerCase() + '\n' + 'Texto em maiúsculas: '
+ s.toUpperCase() + '\n' + 'Número de caracteres: ' + s.length);
  </script>

</body>
</html>
```

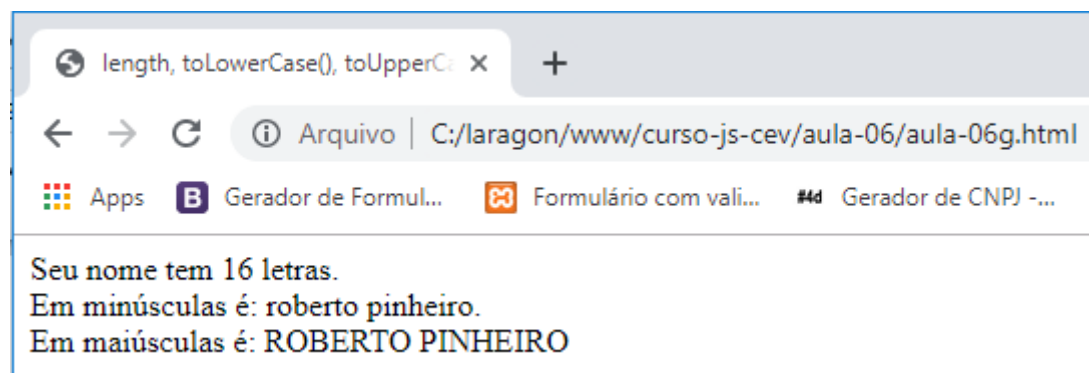
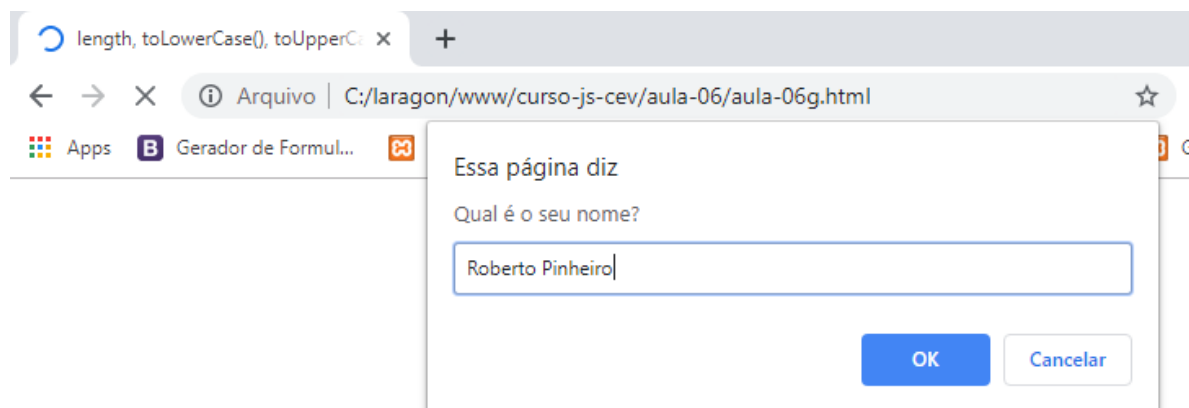


C:/laragon/www/curso-js-cev/aula-06/aula-06g.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>length, toLowerCase(), toUpperCase()</title>
</head>
<body>

  <script>
    var nome = window.prompt('Qual é o seu nome?');
    document.write(`Seu nome tem ${nome.length} letras.<br>Em minúsculas é:
    ${nome.toLowerCase()}.<br>Em maiúsculas é: ${nome.toUpperCase()} `);
  </script>

</body>
</html>
```

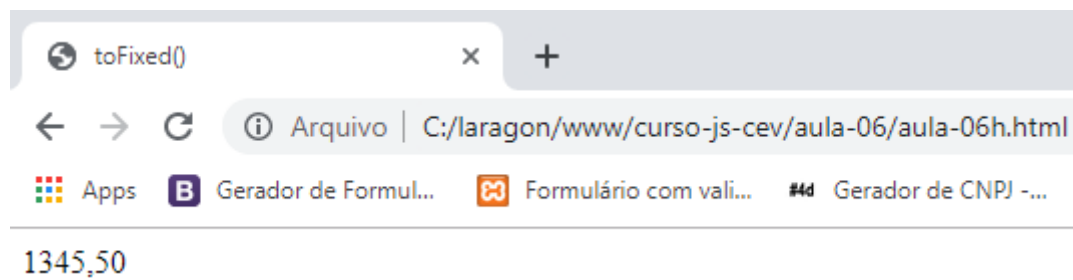


C:/laragon/www/curso-js-cev/aula-06/aula-06h.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>toFixed()</title>
</head>
<body>

  <script>
    var n1 = 1345.5;
    document.write(n1.toFixed(2).replace('.', ','));
  </script>

</body>
</html>
```



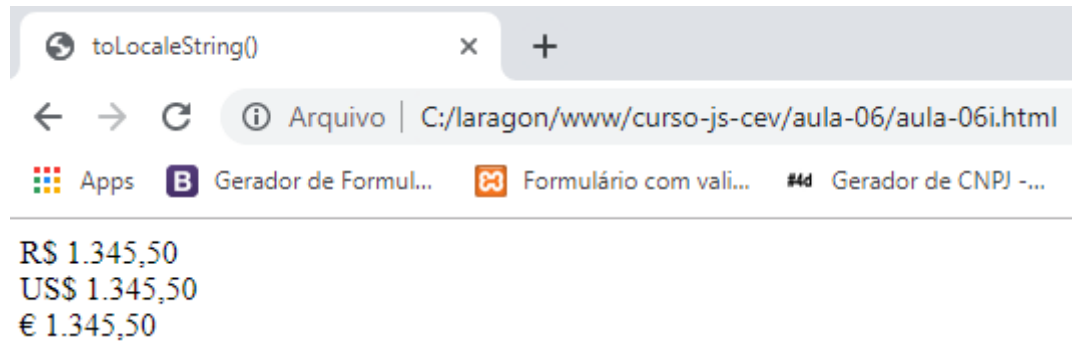
C:/laragon/www/curso-js-cev/aula-06/aula-06i.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>toLocaleString()</title>
</head>
<body>

  <script>

    var n1 = 1345.5;
    document.writeln(n1.toLocaleString('pt-BR', {style:'currency', currency:'BRL'}) + "<br>");
    document.writeln(n1.toLocaleString('pt-BR', {style:'currency', currency:'USD'}) + "<br>");
    document.writeln(n1.toLocaleString('pt-BR', {style:'currency', currency:'EUR'}));
  </script>

</body>
</html>
```



AULA 09 – INTRODUÇÃO AO DOM

DOM – Document Object Model

- Instale a extensão “Watch in Chrome”.
- No navegador Google Chrome instale o plugin:

Chrome extension:

<https://chrome.google.com/webstore/detail/mmbnmofkiadlcapnmgnkheadkpeefii>

- Instale a extensão “Node Exec”.

“Node Exec” irá habilitar o uso da tecla <F8> para rodar JavaScript no Node.

C:/laragon/www/curso-js-cev/aula-09/aula-09a.html

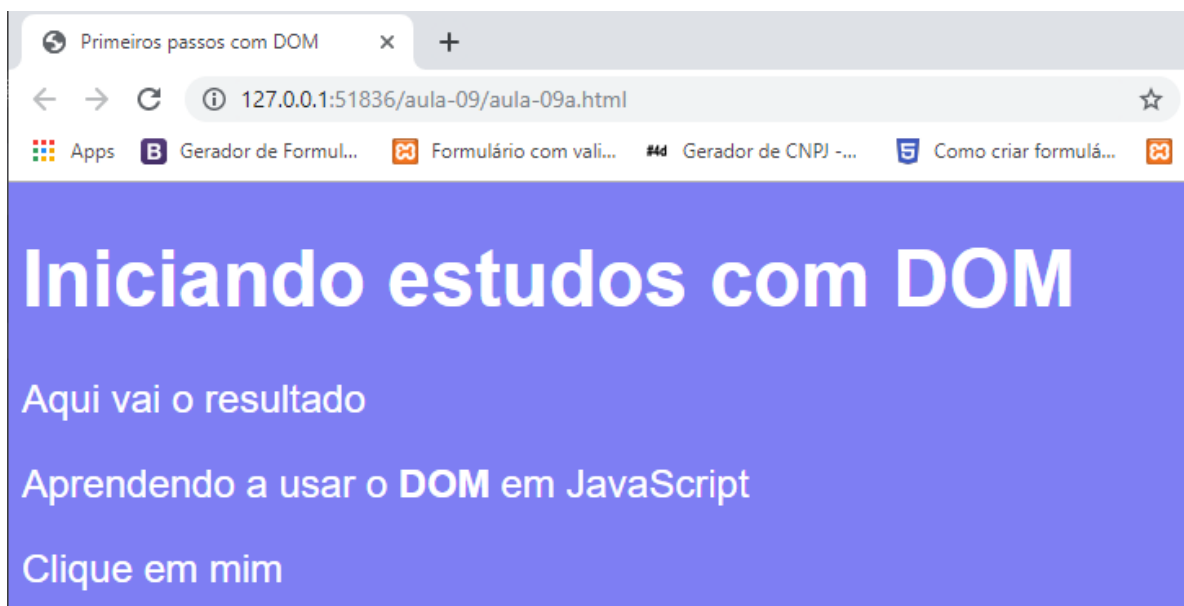
```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Primeiros passos com DOM</title>
  <style>
    body{
      background-color: rgb(126, 126, 243);
      color: white;
      font: normal 18pt Arial;
    }
  </style>
</head>
<body>
  <h1>Iniciando estudos com DOM</h1>
  <p>Aqui vai o resultado</p>
  <p>Aprendendo a usar o <strong>DOM</strong> em JavaScript</p>
  <div id="msg">Clique em mim</div>
  <script></script>
</body>
</html>
```

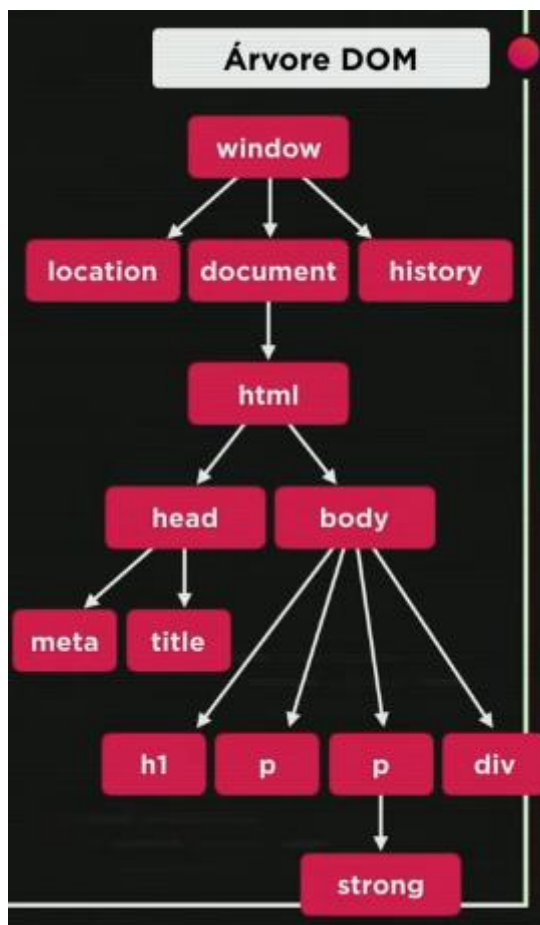



Ou Ctrl-Shift-P

Entre com Watch in Chrome

Ele vai abrir o arquivo com o micro-servidor que ele criou:





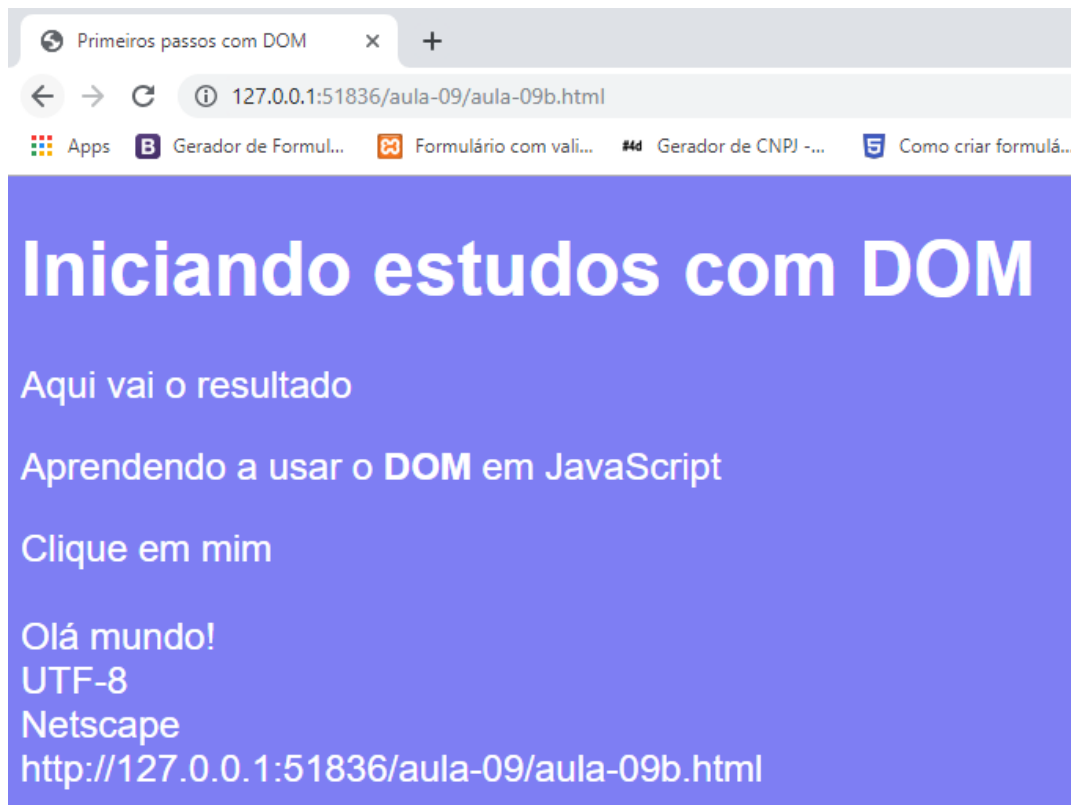
C:/laragon/www/curso-js-cev/aula-09/aula-09b.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Primeiros passos com DOM</title>
  <style>
    body{
      background-color: rgb(126, 126, 243);
      color: white;
      font: normal 18pt Arial;
    }
  </style>
</head>
```

```
<body>
  <h1>Iniciando estudos com DOM</h1>
  <p>Aqui vai o resultado</p>
  <p>Aprendendo a usar o <strong>DOM</strong> em JavaScript</p>
  <div id="msg">Clique em mim</div>

  <script>
    window.document.write("<br>");
    window.document.write("Olá mundo!<br>");
    window.document.write(window.document.charset);
    window.document.write("<br>");
    window.document.write(window.navigator.appName);
    window.document.write("<br>");
    window.document.write(window.document.URL);
  </script>

</body>
</html>
```



MÉTODOS DE ACESSO



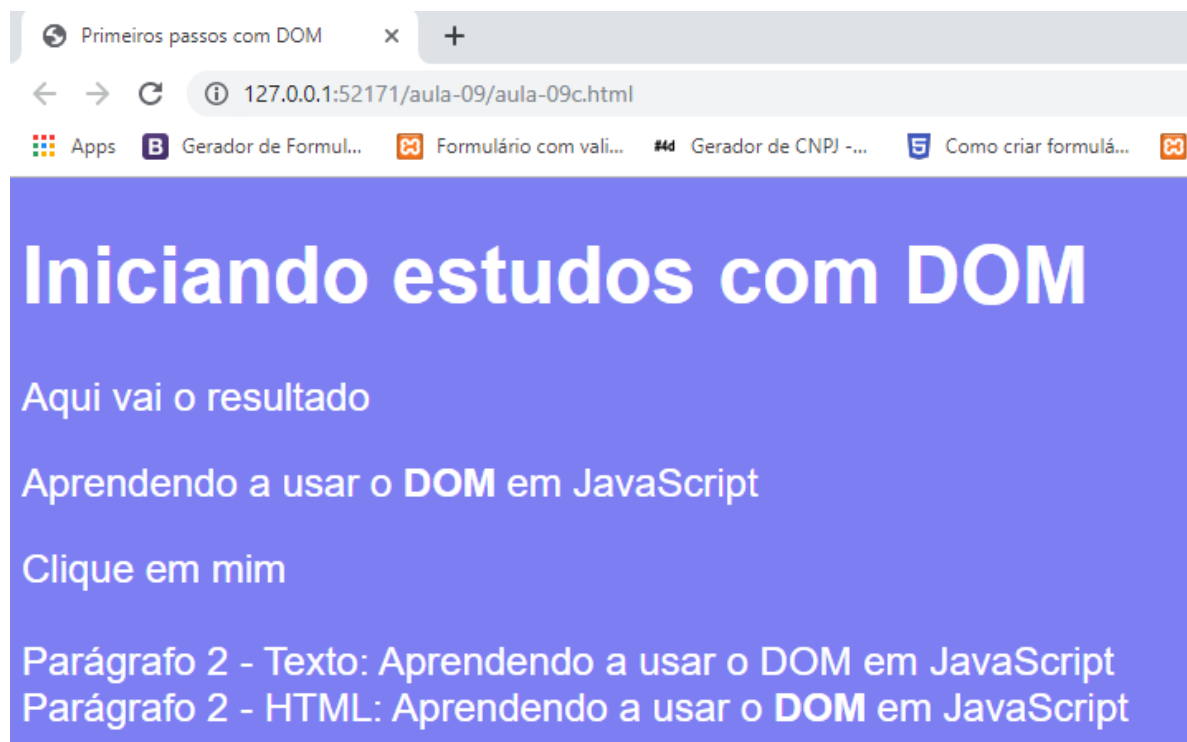
C:/laragon/www/curso-js-cev/aula-09/aula-09c.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Primeiros passos com DOM</title>
  <style>
    body{
      background-color: rgb(126, 126, 243);
      color: white;
      font: normal 18pt Arial;
    }
  </style>
</head>
```

```
<body>
  <h1>Iniciando estudos com DOM</h1>
  <p>Aqui vai o resultado</p>
  <p>Aprendendo a usar o <strong>DOM</strong> em JavaScript</p>
  <div id="msg">Clique em mim</div>

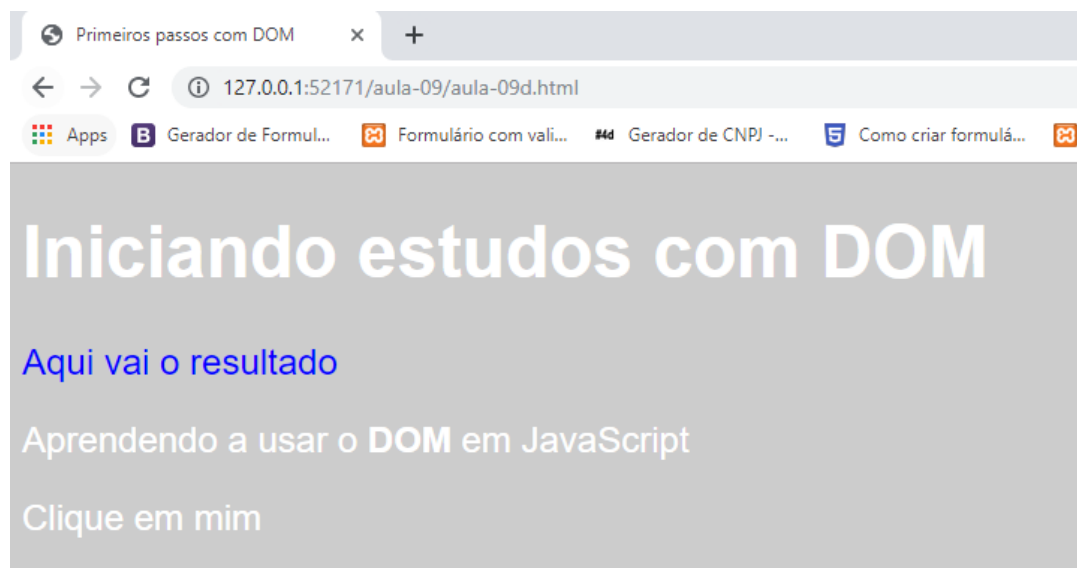
  <script>
    var p2 = window.document.getElementsByTagName('p')[1];
    window.document.write("<br>");
    window.document.write('Parágrafo 2 - Texto: ' + p2.innerText);
    window.document.write("<br>");
    window.document.write('Parágrafo 2 - HTML: ' + p2.innerHTML);
  </script>

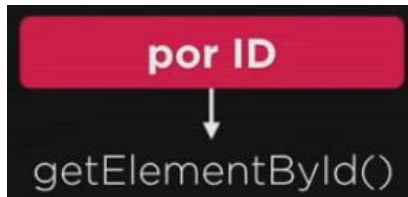
</body>
</html>
```



C:/laragon/www/curso-js-cev/aula-09/aula-09d.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Primeiros passos com DOM</title>
  <style>
    body{
      background-color: rgb(126, 126, 243);
      color: white;
      font: normal 18pt Arial;
    }
  </style>
</head>
<body>
  <h1>Iniciando estudos com DOM</h1>
  <p>Aqui vai o resultado</p>
  <p>Aprendendo a usar o <strong>DOM</strong> em JavaScript</p>
  <div id="msg">Clique em mim</div>
  <script>
    var corpo = window.document.body;
    var p1 = window.document.getElementsByTagName('p')[0];
    corpo.style.backgroundColor = '#cccccc';
    p1.style.color = 'blue';
  </script>
</body>
</html>
```



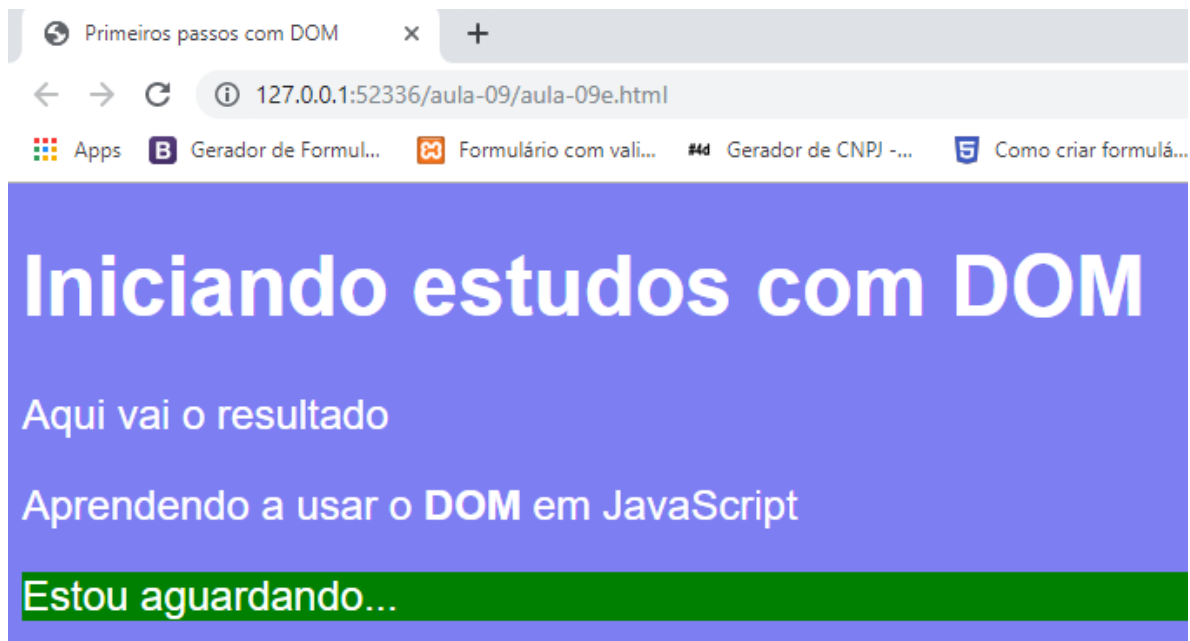


C:/laragon/www/curso-js-cev/aula-09/aula-09e.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Primeiros passos com DOM</title>
  <style>
    body{
      background-color: rgb(126, 126, 243);
      color: white;
      font: normal 18pt Arial;
    }
  </style>
</head>
<body>
  <h1>Iniciando estudos com DOM</h1>
  <p>Aqui vai o resultado</p>
  <p>Aprendendo a usar o <strong>DOM</strong> em JavaScript</p>
  <div id="msg">Clique em mim</div>

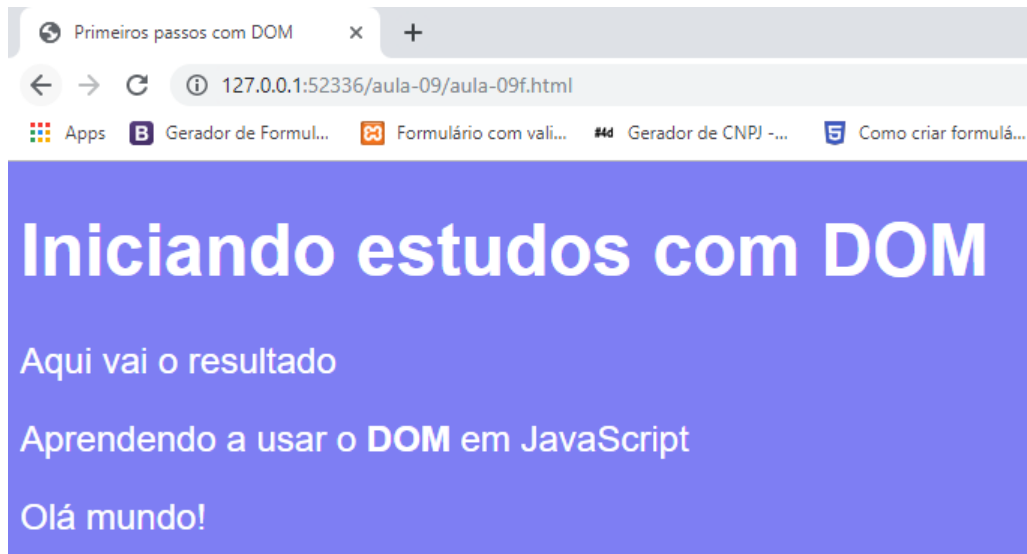
  <script>
    var msg = window.document.getElementById('msg');
    msg.style.backgroundColor = 'green';
    msg.innerText = 'Estou aguardando...';
  </script>

</body>
</html>
```



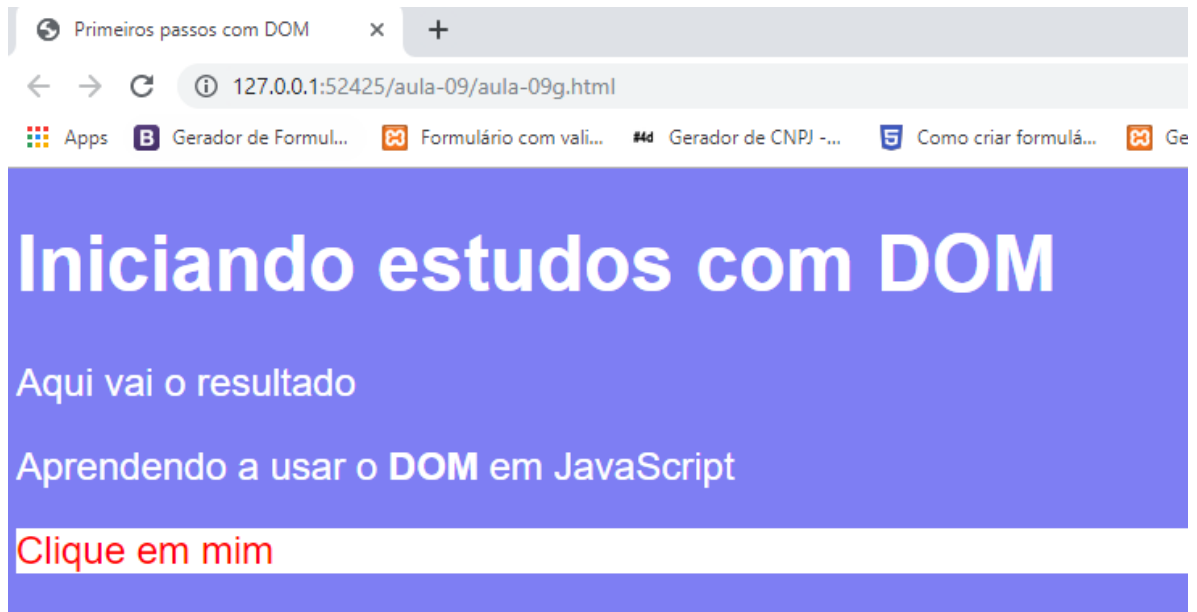
C:/laragon/www/curso-js-cev/aula-09/aula-09f.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Primeiros passos com DOM</title>
  <style>
    body{
      background-color: rgb(126, 126, 243);
      color: white;
      font: normal 18pt Arial;
    }
  </style>
</head>
<body>
  <h1>Iniciando estudos com DOM</h1>
  <p>Aqui vai o resultado</p>
  <p>Aprendendo a usar o <strong>DOM</strong> em JavaScript</p>
  <div name="msg">Clique em mim</div>
  <script>
    var msg = window.document.getElementsByName('msg')[0];
    msg.innerText = 'Olá mundo!';
  </script>
</body>
</html>
```

C:/laragon/www/curso-js-cev/aula-09/aula-09g.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Primeiros passos com DOM</title>
  <style>
    body{
      background-color: rgb(126, 126, 243);
      color: white;
      font: normal 18pt Arial;
    }
  </style>
</head>
<body>
  <h1>Iniciando estudos com DOM</h1>
  <p>Aqui vai o resultado</p>
  <p>Aprendendo a usar o <strong>DOM</strong> em JavaScript</p>
  <div class="msg">Clique em mim</div>
  <script>
    var msg = window.document.getElementsByClassName('msg')[0];
    msg.style.backgroundColor = 'white';
    msg.style.color = "red";
  </script>
</body>
</html>
```



C:/laragon/www/curso-js-cev/aula-09/aula-09h.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Primeiros passos com DOM</title>
  <style>
    body{
      background-color: rgb(126, 126, 243);
      color: white;
      font: normal 18pt Arial;
    }
  </style>
</head>
```

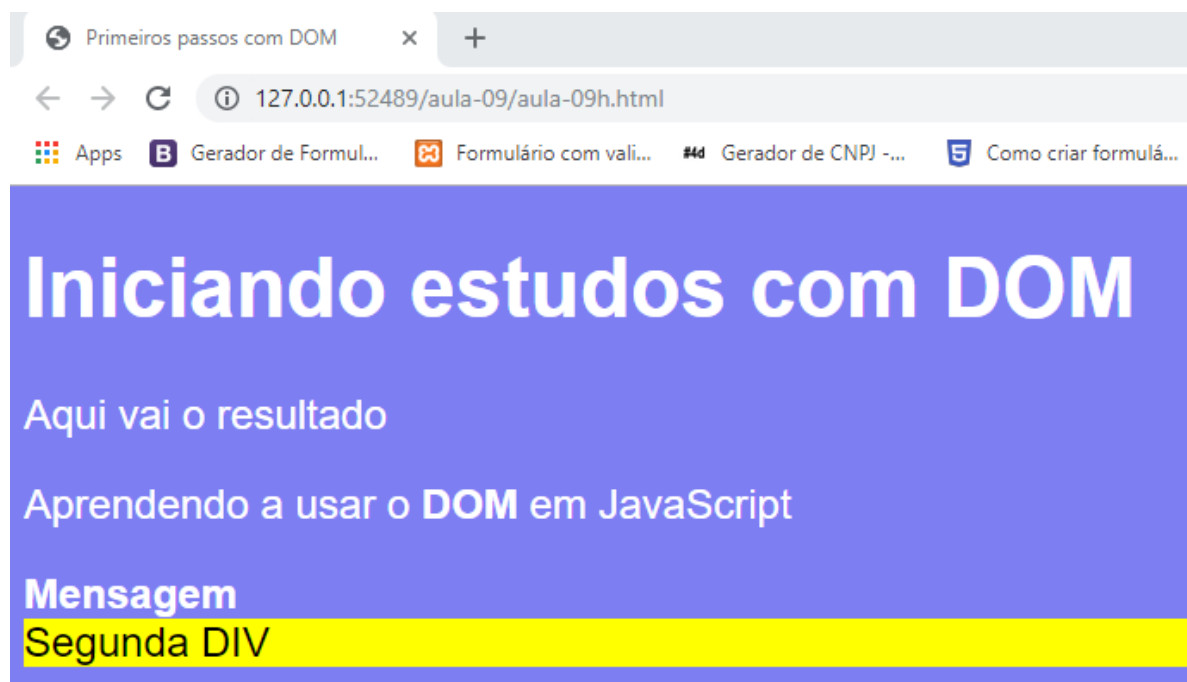
```
<body>
  <h1>Iniciando estudos com DOM</h1>
  <p>Aqui vai o resultado</p>
  <p>Aprendendo a usar o <strong>DOM</strong> em JavaScript</p>
  <div id="msg">Clique em mim</div>
  <div class="msg">Segunda DIV</div>

  <script>
    var d1 = window.document.querySelector('div#msg');
    d1.innerHTML = "<strong>Mensagem</strong>"

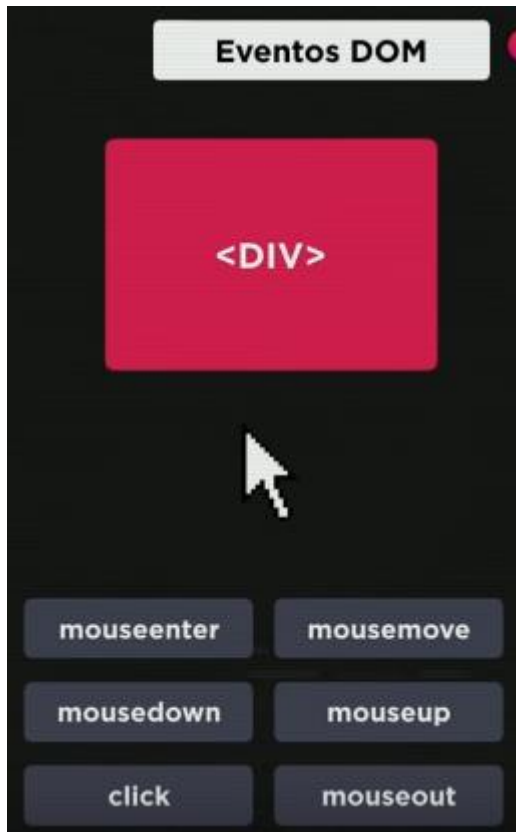
    var d2 = window.document.querySelector('div.msg');
    d2.style.color = "black";
    d2.style.backgroundColor = "yellow";

  </script>

</body>
</html>
```



AULA 10 – EVENTOS DOM



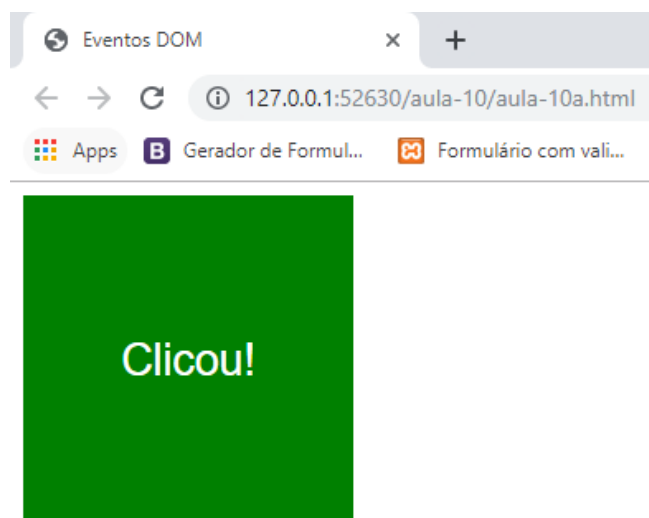
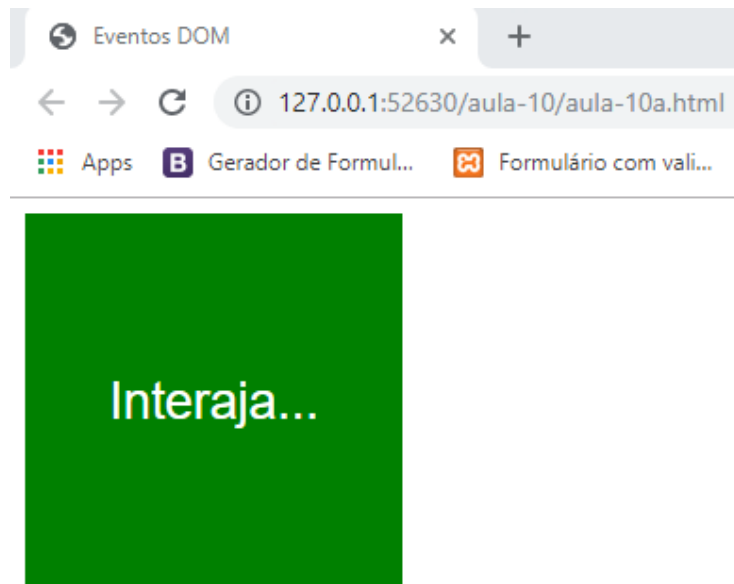
C:/laragon/www/curso-js-cev/aula-10/aula-10a.html

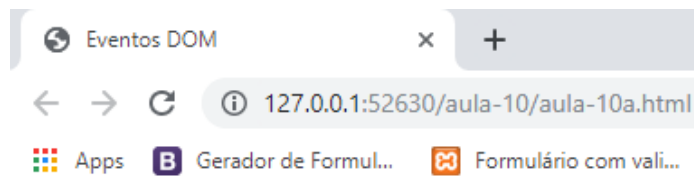
```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Eventos DOM</title>
  <style>
    div#area{
      font: normal 20pt Arial;
      background-color: green;
      color: white;
      width: 200px;
      height: 200px;
      line-height: 200px;
      text-align: center;
    }
  </style>
</head>
```

```
<body>
  <div id="area" onclick="clicar()">
    Interaja...
  </div>

  <script>
    function clicar(){
      var a = window.document.getElementById('area');
      a.innerText = 'Clicou!';
    }
  </script>

</body>
</html>
```





Interaja...

Entrou!

Clicou!

Saiu!

C:/laragon/www/curso-js-cev/aula-10/aula-10b.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Eventos DOM</title>
  <style>
    div#area{
      font: normal 20pt Arial;
      background-color: green;
      color: white;
      width: 200px;
      height: 200px;
      line-height: 200px;
      text-align: center;
    }
  </style>
</head>
<body>
  <div id="area">
    Interaja...
  </div>

  <script>
    var a = window.document.getElementById('area');
    a.addEventListener('click', clicar);
    a.addEventListener('mouseenter', entrar);
    a.addEventListener('mouseout', sair);

    function clicar(){
      a.innerText = 'Clicou!';
      a.style.backgroundColor = "blue";
    }
    function entrar(){
      a.innerText = "Entrou!";
    }
    function sair(){
      a.innerText = "Saiu!";
      a.style.backgroundColor = "green";
    }
  </script>
</body>
</html>
```

C:/laragon/www/curso-js-cev/aula-10/aula-10c.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Somando números</title>
  <style>
    body{
      font: normal 20pt Arial;
    }
    div#resultado{
      font: normal 20pt Arial;
      margin-top: 20px;
    }
    input{
      font: normal 20pt Arial;
    }
  </style>
</head>
<body>
  <h2>Somando valores</h2>
  <input type="number" name="txtn1" id="txtn1"> +
  <input type="number" name="txtn2" id="txtn2">
  <input type="button" value="Somar" onclick="somar()">
  <div id="resultado"></div>

  <script>
    function somar(){
      var tn1 = window.document.getElementById('txtn1');
      var tn2 = window.document.querySelector('input#txtn2');
      var s = window.document.getElementById('resultado');
      var n1 = Number(tn1.value);
      var n2 = Number(tn2.value);
      var soma = n1 + n2;
      resultado.innerHTML = "Resposta: " + soma;
    }
  </script>

</body>
</html>
```


Somando números

127.0.0.1:52885/aula-10/aula-10c.html

AppsGerador de Formul...Formulário com vali...Gerador de CNPJ ~...Como criar formulá...Gerador de Formul...

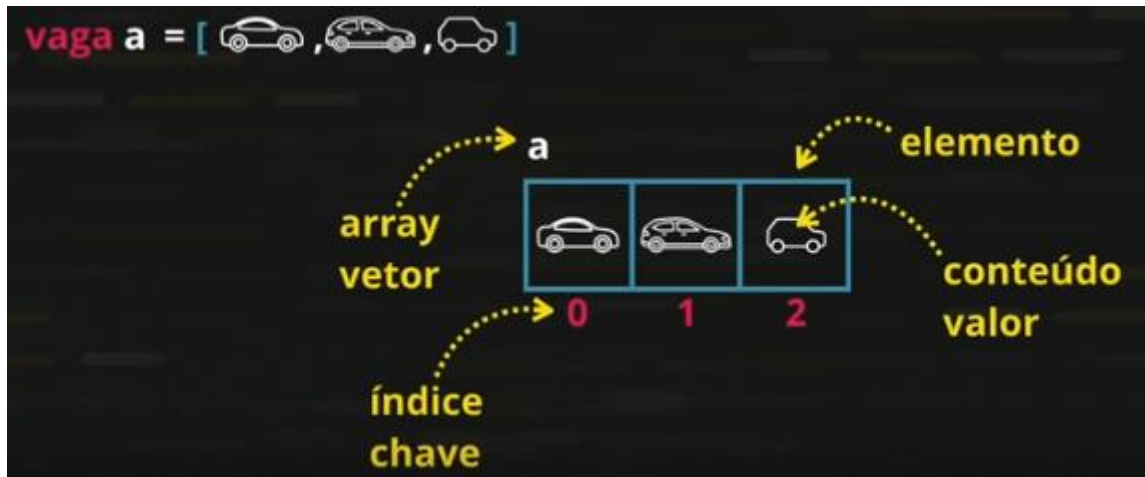
Somando valores

+

Somar

Resposta: 65

AULA 15 – VARIÁVEIS COMPOSTAS



C:/laragon/www/curso-js-cev/aula-15/ambiente.js

```
let num = [5, 8, 2, 9, 3];
num.push(1);
num.sort();
console.log(num);
console.log(`O array tem ${num.length} posições.`);
console.log(`O primeiro valor do vetor é ${num[0]}.`);
```

```
Info: Start process (15:41:10)
[ 1, 2, 3, 5, 8, 9 ]
O array tem 6 posições.
O primeiro valor do vetor é 1.
Info: End process (15:41:11)
```

C:/laragon/www/curso-js-cev/aula-15/vetornatela.js

```
let valores = [8, 1, 7, 4, 2, 9];

console.log(valores);

for(let pos=0; pos < valores.length; pos++){
  console.log(`A posição ${pos} tem o valor ${valores[pos]}`);
}
```

```
Info: Start process (15:42:37)
[ 8, 1, 7, 4, 2, 9 ]
A posição 0 tem o valor 8
A posição 1 tem o valor 1
A posição 2 tem o valor 7
A posição 3 tem o valor 4
A posição 4 tem o valor 2
A posição 5 tem o valor 9
Info: End process (15:42:37)
```

C:/laragon/www/curso-js-cev/aula-15/vetornatela2.js

```
let valores = [8, 1, 7, 4, 2, 9];
```

```
console.log(valores);
```

```
for(let pos in valores){
  console.log(`A posição ${pos} tem o valor ${valores[pos]}`);
}
```

```
Info: Start process (15:43:35)
[ 8, 1, 7, 4, 2, 9 ]
A posição 0 tem o valor 8
A posição 1 tem o valor 1
A posição 2 tem o valor 7
A posição 3 tem o valor 4
A posição 4 tem o valor 2
A posição 5 tem o valor 9
Info: End process (15:43:36)
```

C:/laragon/www/cursos-jev/aula-15/buscaemvetor.js

```
let num = [8, 1, 7, 4, 2, 9];
```

```
console.log(num);
```

```
let pos = num.indexOf(7);
```

```
if(pos == -1){  
  console.log(`O valor ${num[pos]} não foi encontrado no array`)  
} else {  
  console.log(`O valor ${num[pos]} está na posição ${pos}`);  
}
```

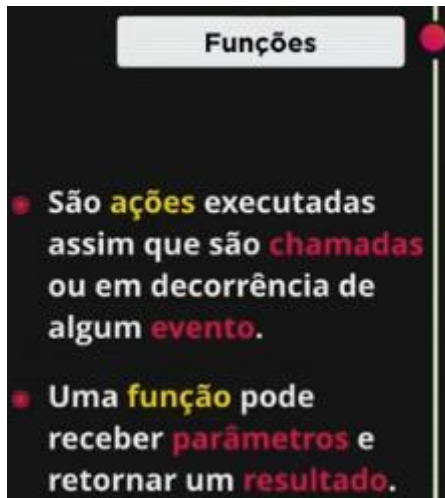
```
let i = 5;
```

```
let pos2 = num.indexOf(i);
```

```
if(pos2 == -1){  
  console.log(`O valor ${i} não foi encontrado no array`)  
} else {  
  console.log(`O valor ${num[pos2]} está na posição ${pos2}`);  
}
```

```
Info: Start process (15:44:30)  
[ 8, 1, 7, 4, 2, 9 ]  
O valor 7 está na posição 2  
O valor 5 não foi encontrado no array  
Info: End process (15:44:30)
```

AULA 16 – FUNÇÕES



C:/laragon/www/curso-js-cev/aula-16/par_impar.js

```
function par_impar(num){  
  if(num%2 == 0){  
    return 'Par';  
  } else {  
    return 'Impar';  
  }  
}
```

```
var res = par_impar(11);
```

```
console.log(res);
```

```
Info: Start process (16:02:04)  
Impar  
Info: End process (16:02:05)
```

C:/laragon/www/curso-js-cev/aula-16/soma.js

```
function soma(n1=0, n2=0){  
  return n1 + n2;  
}
```

```
var res = soma(2,5);
```

```
console.log(`A soma é ${res}`);
```

```
Info: Start process (16:28:18)  
A soma é 7  
Info: End process (16:28:19)
```

C:/laragon/www/curso-js-cev/aula-16/dobro.js

```
let v = function(x){  
  return x*2;  
}
```

```
console.log(v(5));
```

```
Info: Start process (16:29:27)  
10  
Info: End process (16:29:28)
```

C:/laragon/www/curso-js-cev/aula-16/fatorial.js

```
function fatorial(n){  
  let fat = 1;  
  for(let c = n; c > 1; c--){  
    fat = fat * c;  
  }  
  return fat;  
}
```

```
console.log(fatorial(5));
```

```
Info: Start process (16:30:31)  
120  
Info: End process (16:30:31)
```

AULA 17 – PRÓXIMOS PASSOS



C:/laragon/www/curso-js-cev/aula-17/objeto1.js

```
let amigo = {  
  nome:'José',  
  sexo:'M',  
  peso: 85.4,  
  engordar(p=0){  
    console.log('Engordou!');  
    this.peso += p;  
  }  
}
```

```
amigo.engordar(2);
```

```
console.log(`${amigo.nome} pesa ${amigo.peso} Kg`);
```

```
Info: Start process (17:29:32)  
Engordou!  
José pesa 87.4 Kg  
Info: End process (17:29:33)
```