

AULA 04

TL;DR

JS

VARIABLE ENVIRONMENT

VARIABLE ENVIRONMENT

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- **Local** onde as variáveis são declaradas e como elas se relacionam entre si.

EXECUTION CONTEXT

Global Object
“this”

Variable
Environment

VARIABLE ENVIRONMENT

```
2  function b(){
3      var x = 3;
4  }
5
6  function a(){
7      var x = 2;
8      b();
9  }
10
11 var x = 1;
12 a();
```

Global

VARIABLE ENVIRONMENT

```
2  function b(){
3      var x = 3;
4  }
5
6  function a(){
7      var x = 2;
8      b();
9  }
10
11  var x = 1;
12  a();
```

Global

x = 1

VARIABLE ENVIRONMENT

```
2  function b(){
3      var x = 3;
4  }
5
6  function a(){
7      var x = 2;
8      b();
9  }
10
11  var x = 1;
12  a();
```

a()

Global

x = 1

VARIABLE ENVIRONMENT

```
2  function b(){
3      var x = 3;
4  }
5
6  function a(){
7      var x = 2;
8      b();
9  }
10
11  var x = 1;
12  a();
```

a()

x = 2

Global

x = 1

VARIABLE ENVIRONMENT

```
2  function b(){
3      var x = 3;
4  }
5
6  function a(){
7      var x = 2;
8      b();
9  }
10
11  var x = 1;
12  a();
```

b()

a()

x = 2

Global

x = 1

VARIABLE ENVIRONMENT

```
2  function b(){  
3    var x = 3;  
4  }  
5  
6  function a(){  
7    var x = 2;  
8    b();  
9  }  
10  
11 var x = 1;  
12 a();
```

b()

x = 3

a()

x = 2

Global

x = 1

VARIABLE ENVIRONMENT

```
2  function b(){
3      var x = 3;
4  }
5
6  function a(){
7      var x = 2;
8      b();
9  }
10
11  var x = 1;
12  a();
```

a()

x = 2

Global

x = 1

VARIABLE ENVIRONMENT

```
2  function b(){
3      var x = 3;
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5
6  function a(){
7      var x = 2;
8      b();
9  }
10
11  var x = 1;
12  a();
```

Global

x = 1

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