

# AULA 07

TL;DR

JS

# LEXICAL ENVIRONMENT & SCOPE CHAIN



# LEXICAL ENVIRONMENT

## TL;DR

- ○ **Lexical Environment** determina a associação entre **identificadores e valores** de variáveis e funções baseado no **aninhamento Léxico** do código.

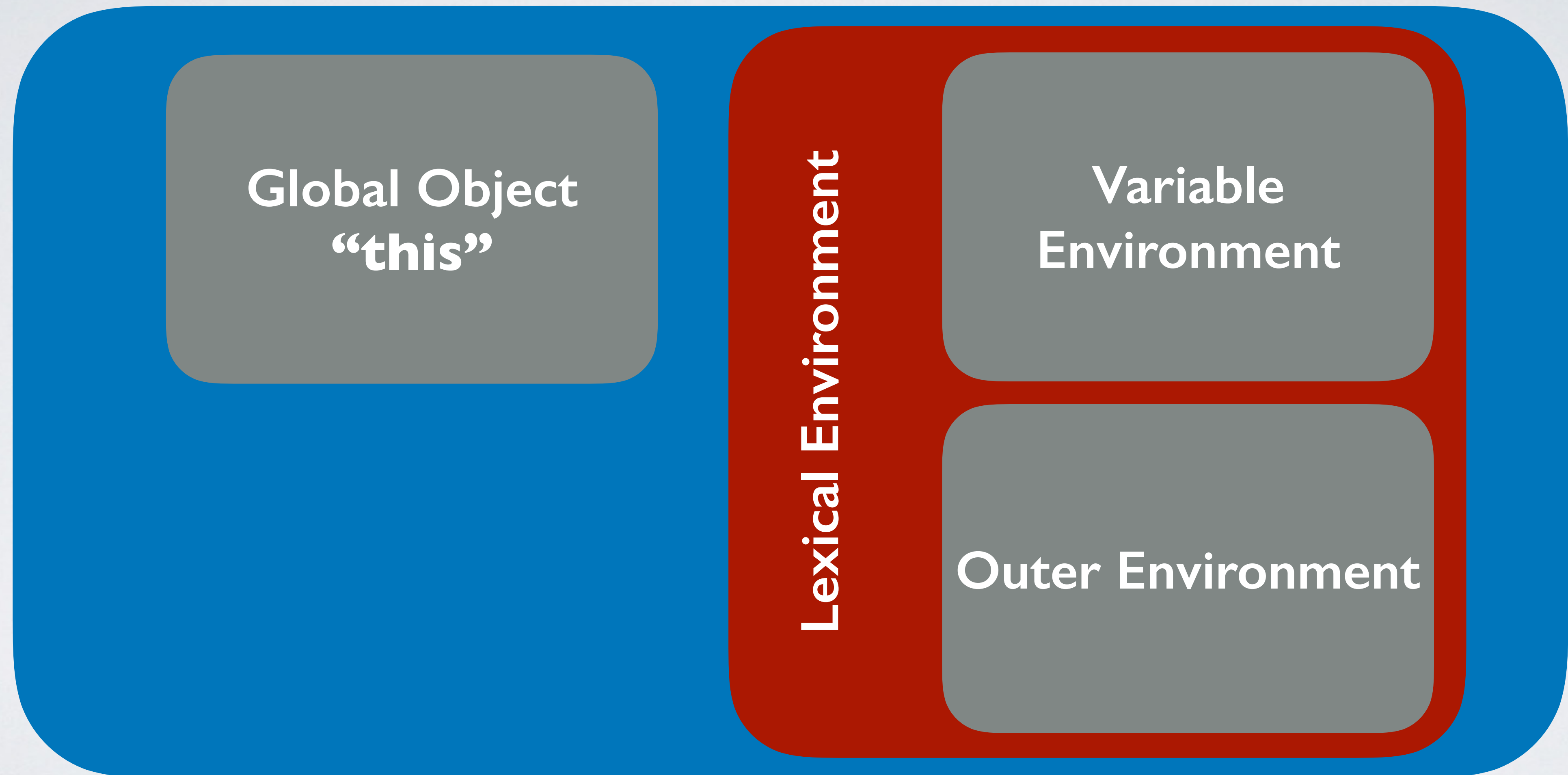
# SCOPE CHAIN

## TL;DR

- Determina a rota da procura de identificadores e valores baseando-se no **Lexical Environment** e no **Outer Environment**.

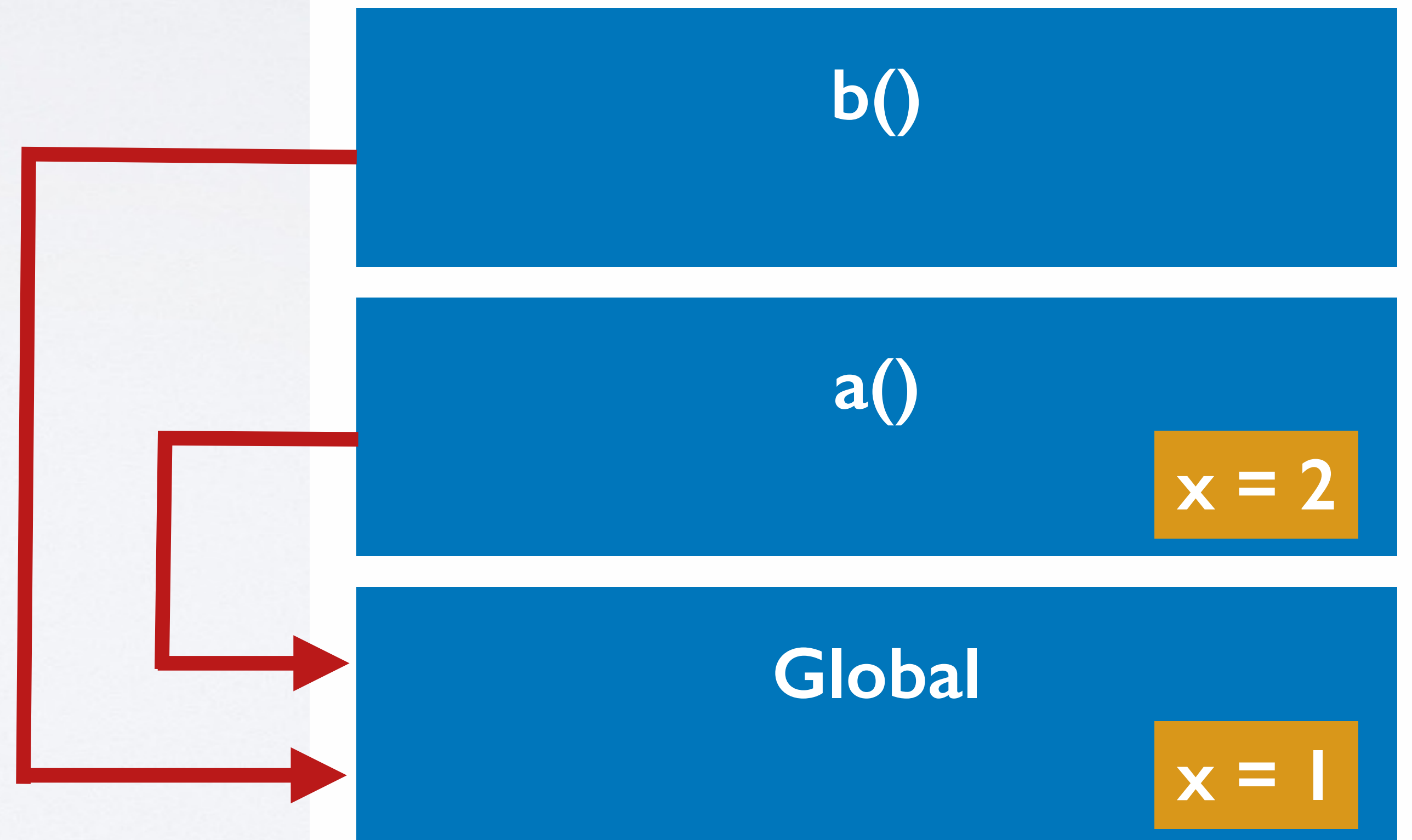


# EXECUTION CONTEXT



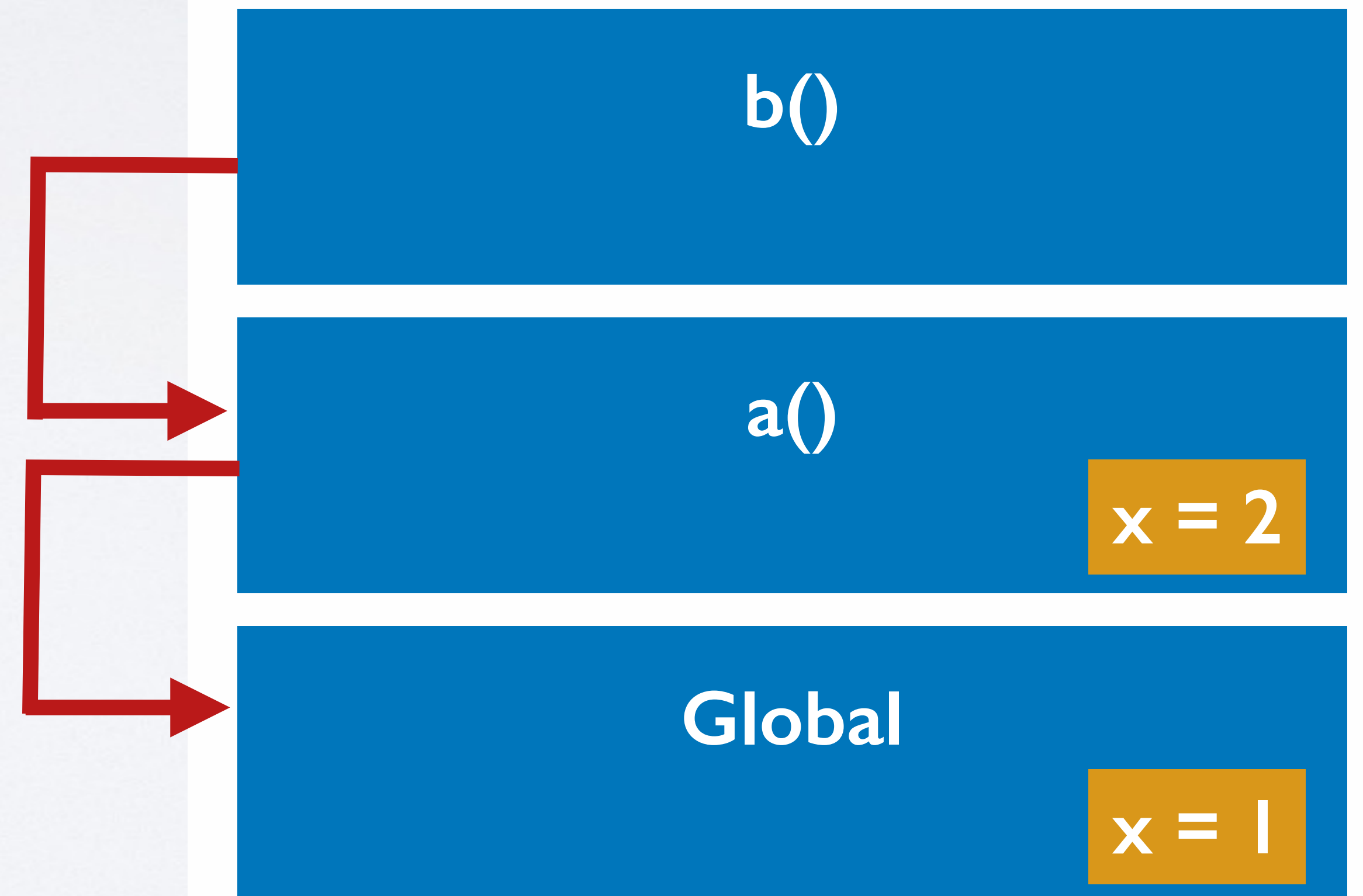
# SCOPE CHAIN

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



# SCOPE CHAIN

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





# MUITO OBRIGADO



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