具名函数

匿名函数

window.Function函数对象

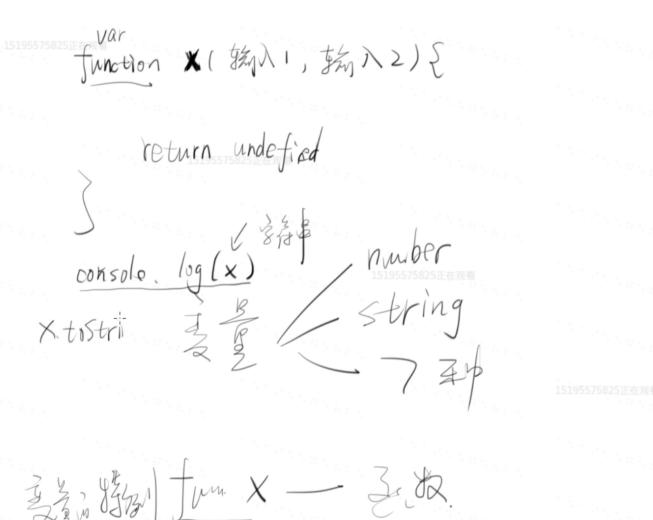
具名函数赋值

箭头函数

总结

函数的name属性

具名函数



返回什么和打印什么完全两码事:

可以什么都不返回, 但是肯定能打印出来东西!

```
<- undefined
```

```
> console.log = function(a){
    alert(a)
    return undefined
}

< f (a){
    alert(a)
    return undefined
}</pre>
```

- > console.log(1)
- undefined

即使你不写 return,函数里面也会自动添加 return undefined 具名函数

```
function f(x,y){
   return x+y
}
finame // 'f'
```

匿名函数

//匿名函数不能单独使用,必须将其赋给另外一个变量

```
//匿名函数不能单独使用,必须将其赋给另外一个变量
     var x = function(input1,input2){ return}
← undefined
>> function y(){}
← undefined
>> console.log(y)
← undefined
       y()
             arguments: null
              caller: null
             length: 0
             name: "y"
          ▶ prototype: Object { ... }
          ▶                                                                                                                                                                                                                                                                                                                                                    <pre
>> function(input1,input2){ return}

    SyntaxError: function statement requires a name [详細了解]

>>
```

window.Function函数对象

这种方式很少有人用!

Window. Fuction
$$32232$$

Now Fuction (x) , y , return $x+y'$)

Var $n=1$

Now Fuction (x) , y , return $x+y'$)

 $x+y'$
 $x+y'$
 $y+y'$
 $y+y'$
 $y+y'$
 $y+y'$
 $y+y'$

```
> n = 1
< 1
> f = new Function('x','y','return x+'+n+'+y')
< f anonymous(x,y
) {
  return x+1+y
}
> f(1,2)
< 4
>
```

注意:return后面x后面的加号不能省,不然执行f的时候会出错!

```
1  n = 1
2  1
3  f = new Function('x','y','return x+'+n+'+y')
4  f anonymous(x,y)
5 ) {
6  return x+1+y
7  }
8  f(1,2)
9  4
```

具名函数赋值

```
var f
f = function f2(x,y){ return x+y }
f.name // 'f2'
console.log(f2) // undefine
```

箭头函数

```
注意其写法:
```

```
>> sum1 =(x,y)=>{return x+y}
← ▶ function sum1()
>> sum1(1,2)
← 3
>> sum1(1,2)
← 3
>> sum1=(1,2)
← 2
>> sum2 =(x,y)=> x+y
← <u>→ function</u> sum2()
>> sum2(1,2)
← 3
>> |
\gg n2 = n=>n*n
← ▶ function n2()
>> n2(4)
← 16
>>
```

总结

```
    undefined

    function f(x,y){return x+y}
    undefined

    /* undefined

    /* undefined

    /* f (){}

    f = function(){}

    f x(){}

    f = new Function('x','y','return x+y')

    f = (x,y) => x+y

    f = (x,y) => x+y

    (x,y) => x+y

    /* (x,y) => x+y

}
```

函数的name属性

js的这里也有坑!



js真tm的坑!