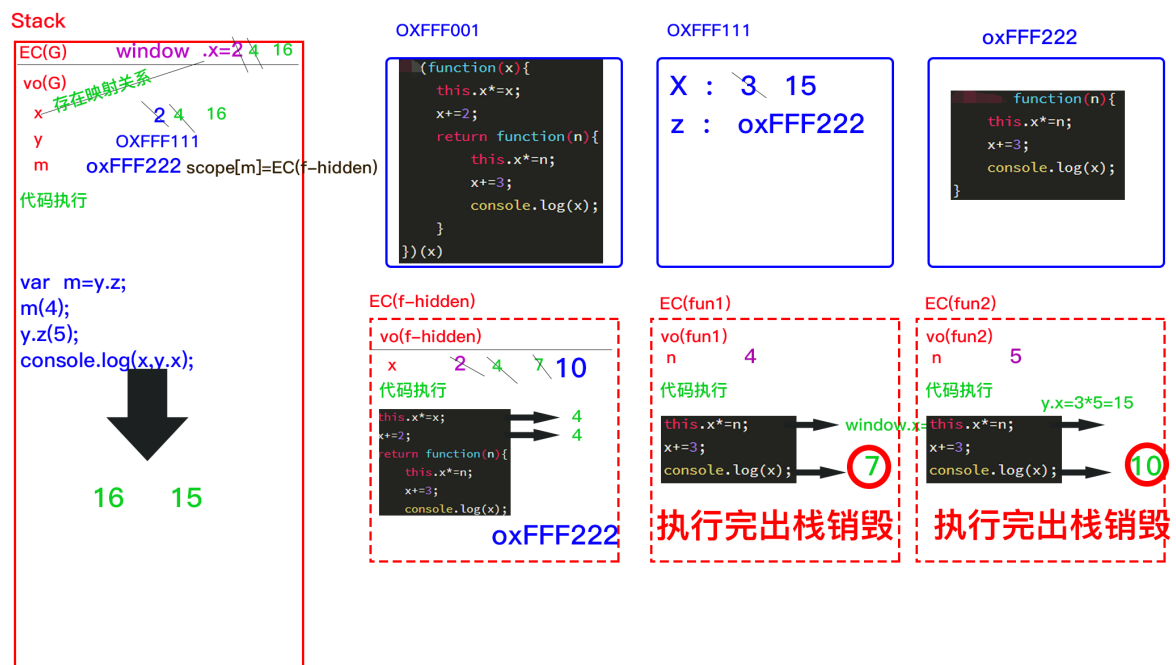


## 第二周正式课-课后作业 (1)

1.

```
function fn(){
    let total = 0;
    for(let i = 0;i<arguments.length;i++){
        let item = Number(arguments[i]);
        if(!isNaN(item)){
            total+=item
        }
    }
    return total;
    total=null;
}
```

2.



3.

## ECStack

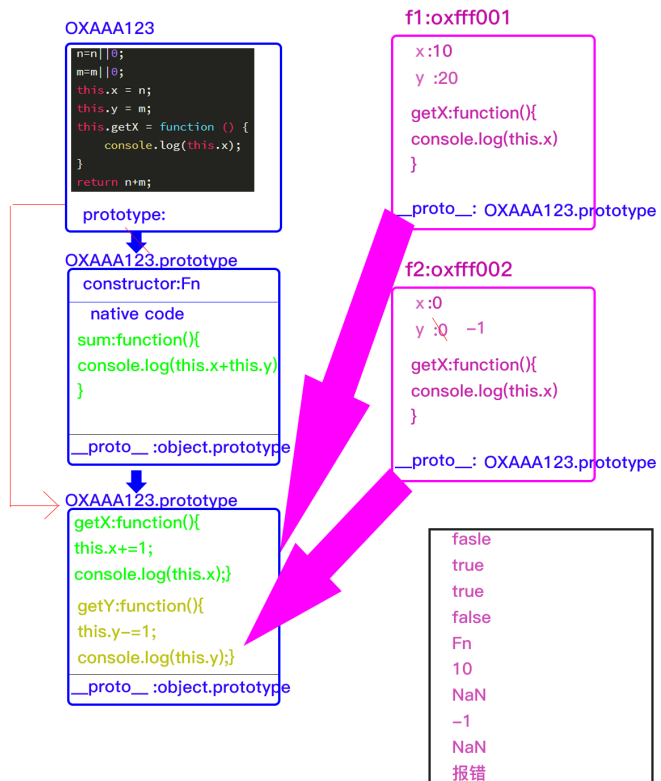
EC(G)

VO(G)

Fn — OXAAA123

代码执行

```
function Fn(n,m) {
  n=n||0;
  m=m||0;
  this.x = n;
  this.y = m;
  this.getX = function () {
    console.log(this.x);
  }
  return n+m;
}
Fn.prototype.sum=function(){
  console.log(this.x+this.y);
}
Fn.prototype={
  getX:function(){
    this.x+=1;
    console.log(this.x);
  },
  getY:function(){
    this.y-=1;
    console.log(this.y);
  }
};
let f1 = new Fn(10,20);
let f2 = new Fn;
console.log(f1.getX === f2.getX);
console.log(f1.getY === f2.getY);
console.log(f1.__proto__ === Fn.prototype);
console.log(f1.constructor === Fn);
f1.getX();
Fn.prototype.getX();
f2.getY();
Fn.prototype.getY();
f1.sum();
```



4.

## ECStack

EC(G)

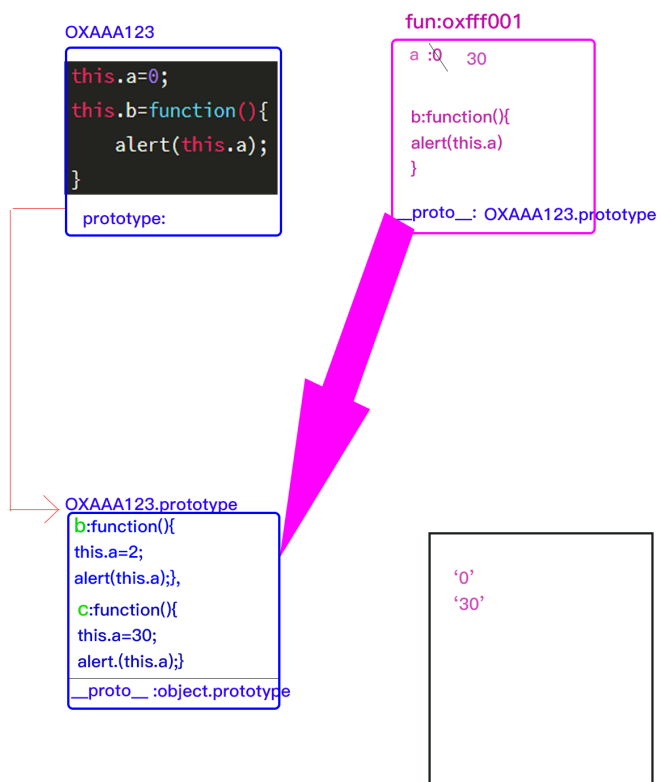
VO(G)

Fun — OXAAA123

my\_fun — 0xfff001

代码执行

```
function fun(){
  this.a=0;
  this.b=function(){
    alert(this.a);
  }
}
fun.prototype={
  b:function(){
    this.a=20;
    alert(this.a);
  },
  c:function(){
    this.a=30;
    alert(this.a);
  }
}
var my_fun=new fun();
my_fun.b();
my_fun.c();
```



5. 'tomundefinedjoin'

6.

## ECStack

EC(G)  
VO(G)

Fn — OXAAA123  
f1 — OXAAA123.prototype

代码执行

```
function Fn() {
  let a = 1;
  this.a = a;
}
Fn.prototype.say = function () {
  this.a = 2;
}
Fn.prototype = new Fn;
let f1 = new Fn;

Fn.prototype.b = function () {
  this.a = 3;
};
console.log(f1.a);
console.log(f1.prototype);
console.log(f1.b);
console.log(f1.hasOwnProperty('b'));
console.log('b' in f1);
console.log(f1.constructor == Fn);
```

OXAAA123

```
let a = 1;
this.a = a;
```

prototype:

OXAAA123.prototype

constructor:Fn

```
say:function(){
  this.a=2;}

```

\_\_proto\_\_:object.prototype

OXAAA123.prototype

a:1

```
b:function(){
  this.a=3
}

```

\_\_proto\_\_:object.prototype

```
'1'
'undefined'
f()
true
true
true
```

7.

## ECStack

EC(G)  
VO(G)

Person OXAAA123  
per1 OXAAA122  
per2 OXAAA124

代码执行

```
function Person() {
  this.name = 'zhufeng'
};
Person.prototype.getName = function () {
  console.log(this.name)
  console.log(this.age)
};
Person.prototype.age = 5000;

var per1 = new Person;
per1.getName();
per1.age = 9;
per1.getName();
console.log(per1.age);
var per2 = new Person;
console.log(per2.age);
```

OXAAA123

```
this.name = 'zhufeng'
```

prototype:

OXAAA123.prototype

constructor:Fn

```
grtName:function(){
  console.log(this.name);
  console.log(this.age)
}

```

age:5000

\_\_proto\_\_:object.prototype

OXAAA122

name:'zhufeng'

age:9

\_\_proto\_\_: OXAAA123.prototype

OXAAA124

name:'zhufeng'

\_\_proto\_\_: OXAAA123.prototype

```
'zhufeng' 5000
'zhufeng' 9
9
5000
```

8.

```
Number.prototype.plus=function(){
  let total = 0;
  total+=this;
  for(let i = 0;i<arguments.length;i++){
    let item = Number(arguments[i]);
```

```

        if(!isNaN(item)){
            total+=item
        }
    }
    return total;
    total=null;
}
Number.prototype.minus=function (){
    let total = 0;
    total+=this;
    for(let i = 0;i<arguments.length;i++){
        let item = Number(arguments[i]);
        if(!isNaN(item)){
            total-=item
        }
    }
    return total;
    total=null;
}

```

9.

```

Array.prototype.unique=function(){
    let obj =[];
    for(var i =0;i<this.length;i++){
        if(obj[this[i]]==this[i]){
            this[i]=this[this.length-1];
            this.length--;
            i--;
        }else(
            obj[this[i]]=this[i]
        )
    }
    return this;
    obj=null;
}
//排序未果
Array.prototype.shell=function(){
    let midUnite ={};
    midUnite[0]=this[0];
    for(let i = 0;i<this.length;i++){
        if(midUnite[0] >=this[i]){
            midUnite.unshift(this[i]);

```

```

        }else{
            midUnite.push(this[i])
        }
    }
    let index = midUnite.indexOf(this[0]);

    let midLeft = midUnite.slice(0,index);
    let midRight = midUnite.slice(index+1);
    //return obj = {index:this[0]}
}

Array.prototype.sort=function(){
    let midUnite ={};
    midUnite[0]=this[0];
    for(let i = 0;i<this.length;i++){
        if(midUnite[0] >=this[i]){
            midUnite.unshift(this[i]);
        }else{
            midUnite.push(this[i])
        }
    }
    let index = midUnite.indexOf(this[0]);
    let midLeft = midUnite.slice(0,index);
    let midRight = midUnite.slice(index+1);
    midUnite = null;
    while(midLeft!==null){
        midLeft.shell
    }
}

```

10.

```

String.prototype.getParam=function(str){
    let link = document.createElement('A');
    link.href=this;
    let obj = '';
    let askText = link.search.substr(1),
    if(askText){
        let item = askText.split(/(?:&|=)/g);
        for(var i = 0;i<item.length;i+=2){
            if(item[i]===str){
                obj+=item[i+1]
            }
        }
    }
}

```

```
        }  
    }  
    return obj;  
  
}
```

,