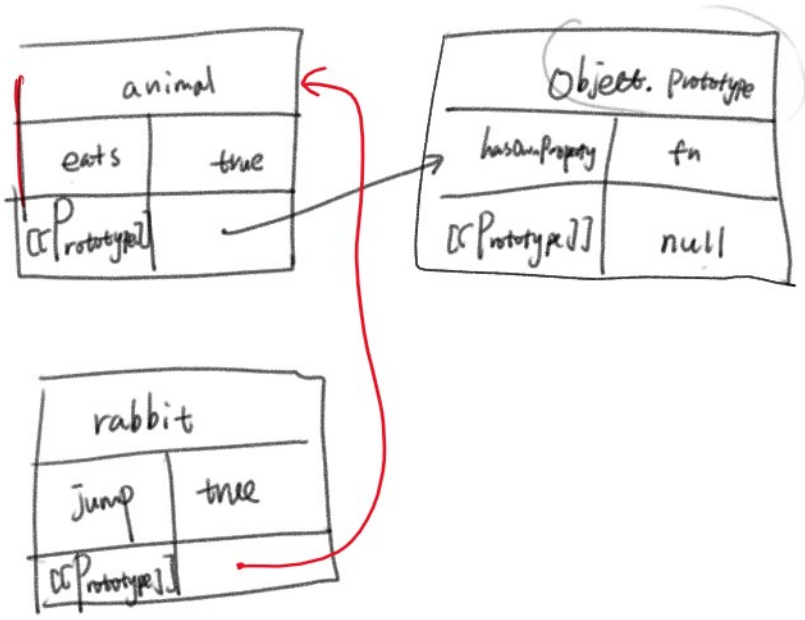
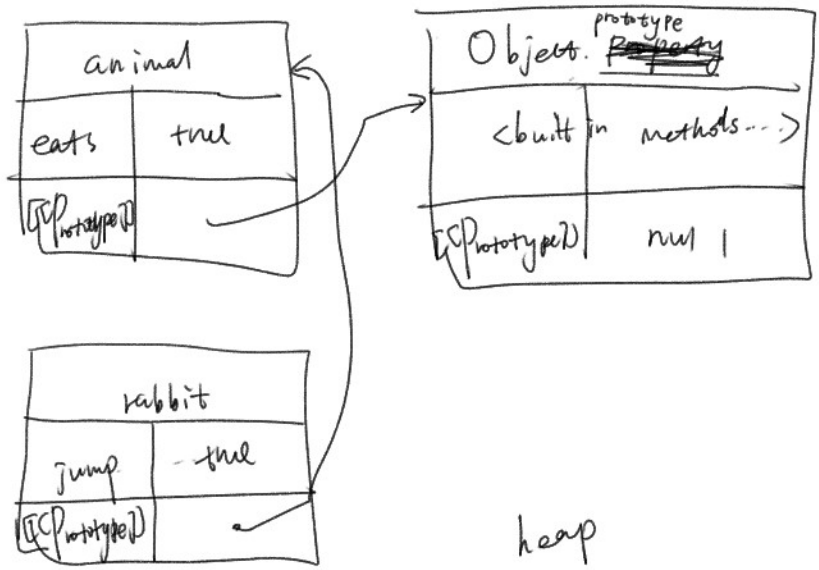
Wednesday, November 8, 2023 10:17 AM

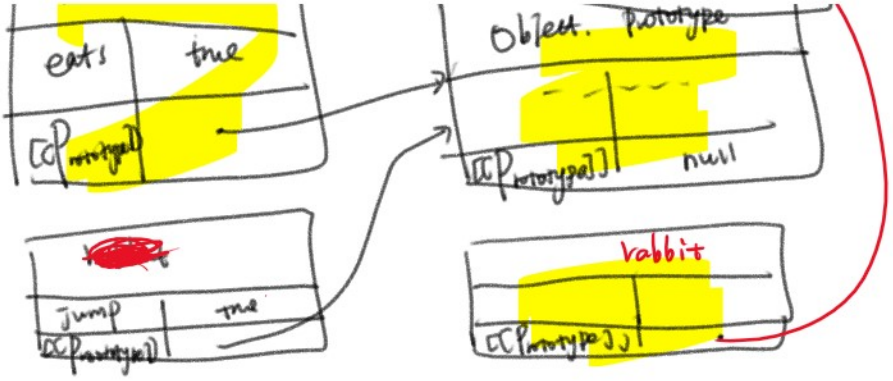
```
const animal = {
    eats: true
};
const rabbit = {
    jump: true
};

rabbit.__proto__ = animal;
console.log(rabbit);
```



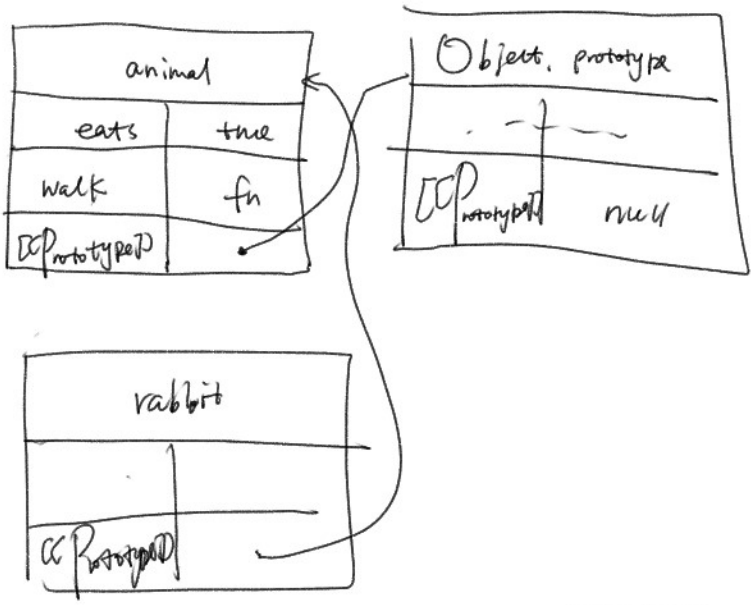

```
const animal = {
    eats: true
};
const rabbit = Object.create(animal);

rabbit.jump = true;

console.log(rabbit);
```



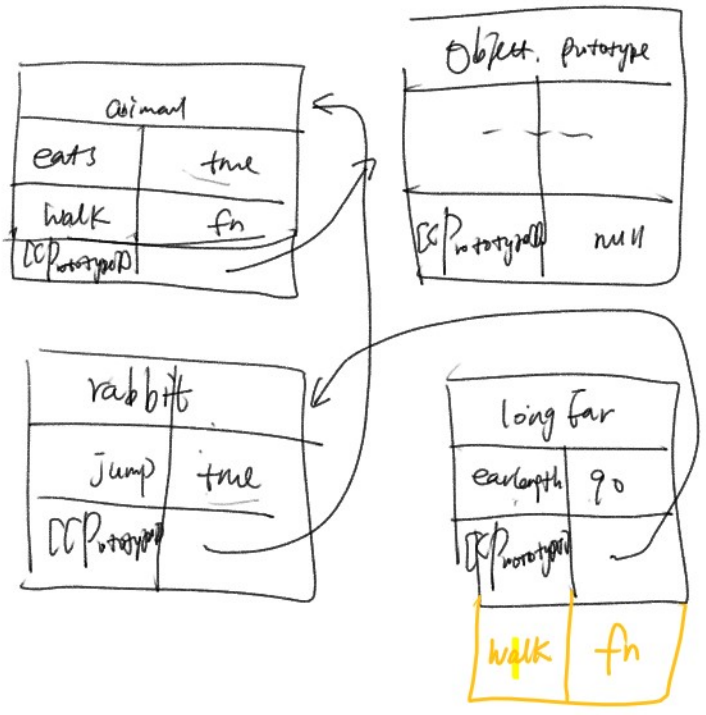

```
const animal = {
    eats: true
};

let rabbit = {
    jump: true
}
rabbit = Object.create(animal);
console.log(rabbit);
```



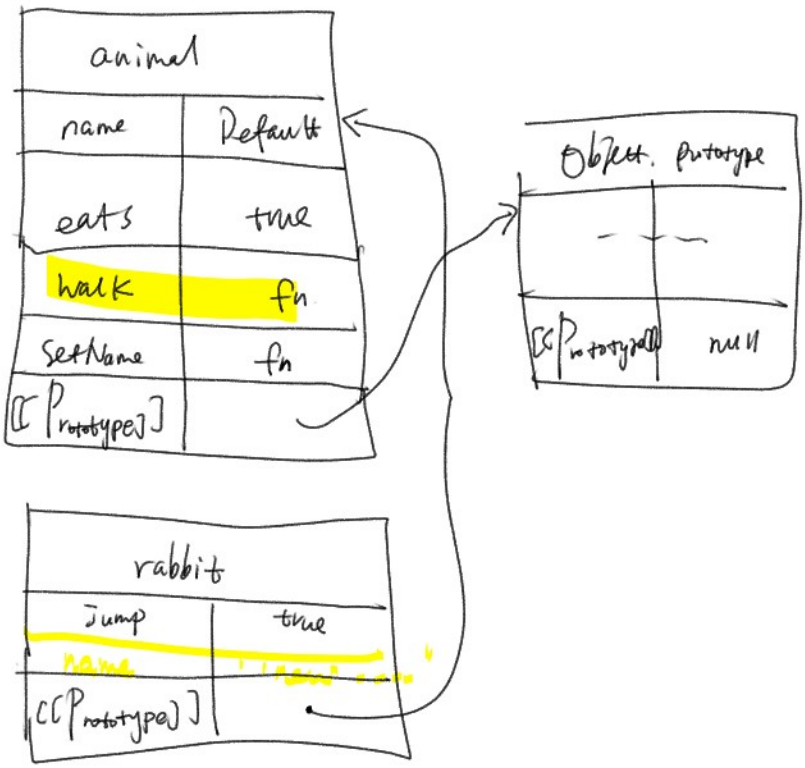

```
const animal = {
    eats: true,
    walk: function(){ //walk work
        console.log('animal
walking...');
    }
};
let rabbit = {
    jump: true
}
rabbit = Object.create(animal);
rabbit.walk();
```



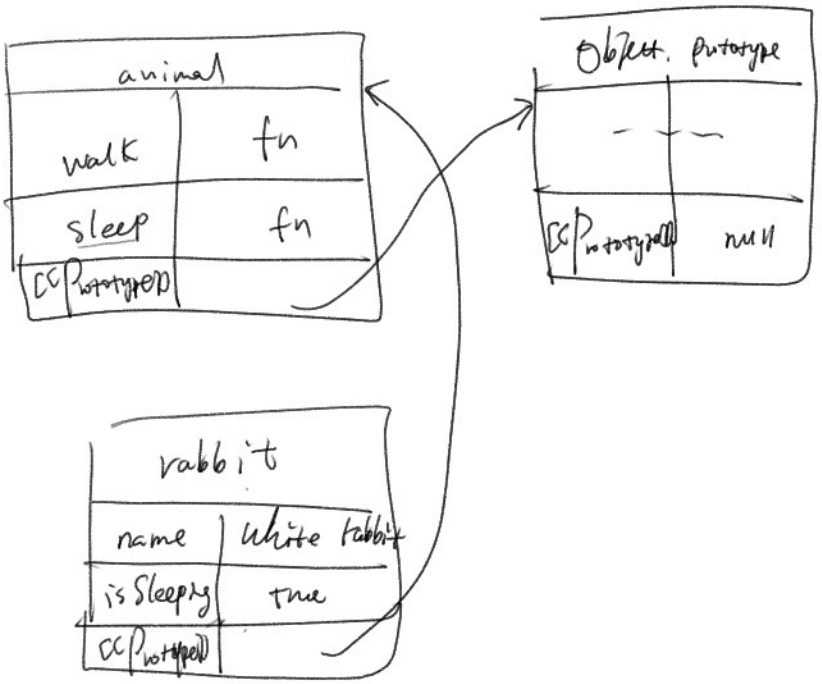

```
const animal = {
    eats: true,
    walk: function(){ //walk work
        console.log('animal walking...');
    }
};

const rabbit = Object.create(animal);
rabbit.jump = true;
const longEar = Object.create(rabbit);
longEar.earLength = 90;

longEar.walk = function(){
    console.log('LongEar walking')
}

longEar.walk();
console.log(longEar.eats, longEar.jump);
```



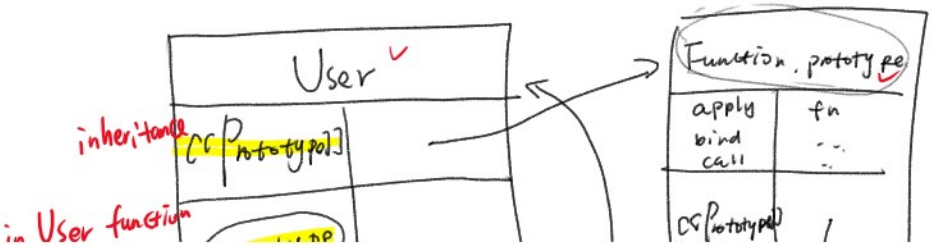
```
const animal = {
    name: 'Default',
    eats: true,
    walk: function(){ //walk work
        console.log(`${this.name} is walking!
`);
    },
    setName(newName){
        this.name = newName;
    }
};

const rabbit = Object.create(animal);
rabbit.jump = true;

rabbit.walk();

rabbit.setName('New Cotton Rabbit');
console.log(animal, rabbit);
```




```
const animal = {
    walk: function () {
        if (!this.isSleeping) {
            console.log(`I walk`);
        }
    },
    sleep: function () {
        this.isSleeping = true;
    }
};
const rabbit = Object.create(animal);
rabbit.name = 'White rabbit';
rabbit.sleep(); // {name: 'white rabbit',
isSleeping: true}
console.log(rabbit.isSleeping);
console.log(animal.isSleeping); //undefined
```

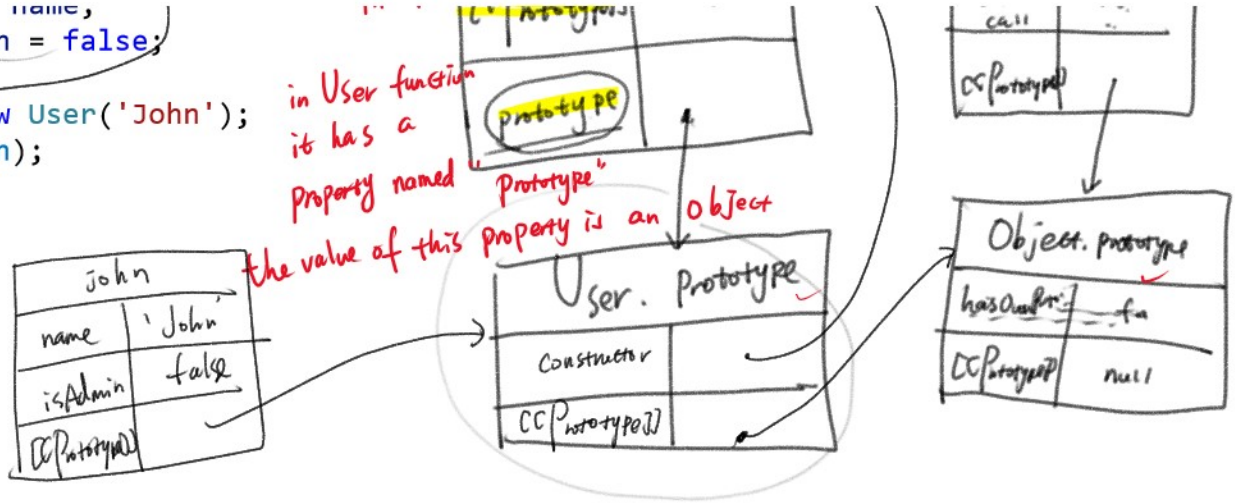



```
function User(name){
    this.name = name;
    this.isAdmin = false;
}
```



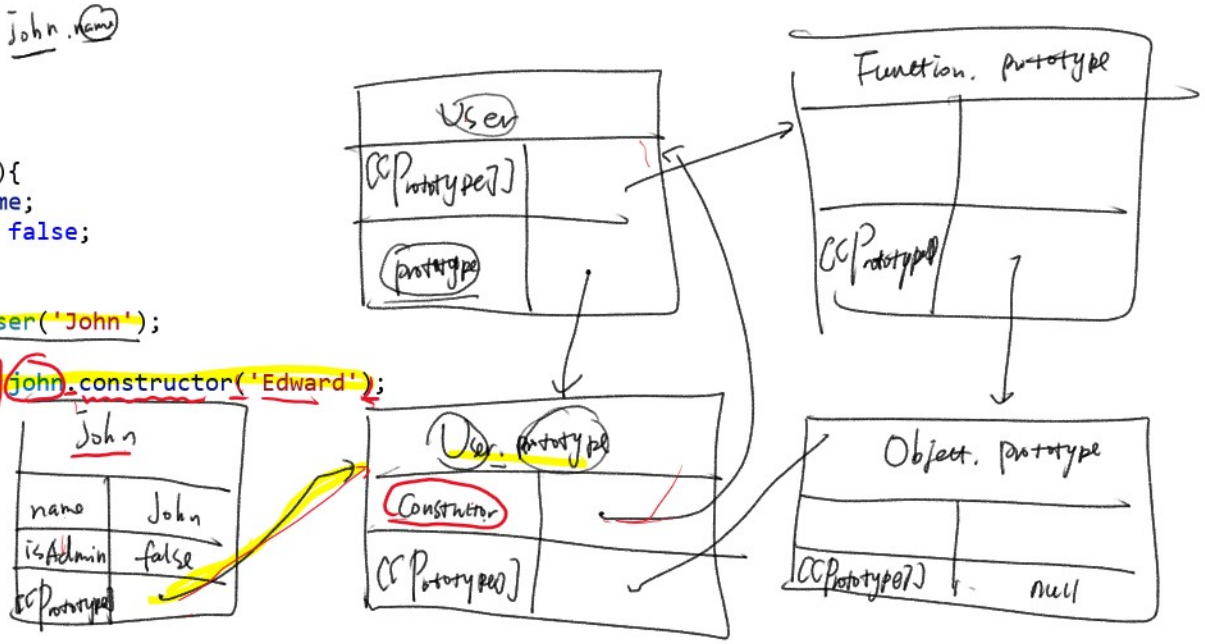
```
    this.isAdmin = false;
}
const john = new User('John');
console.log(john);
```

in User function it has a property named "prototype" the value of this property is an object



john.name

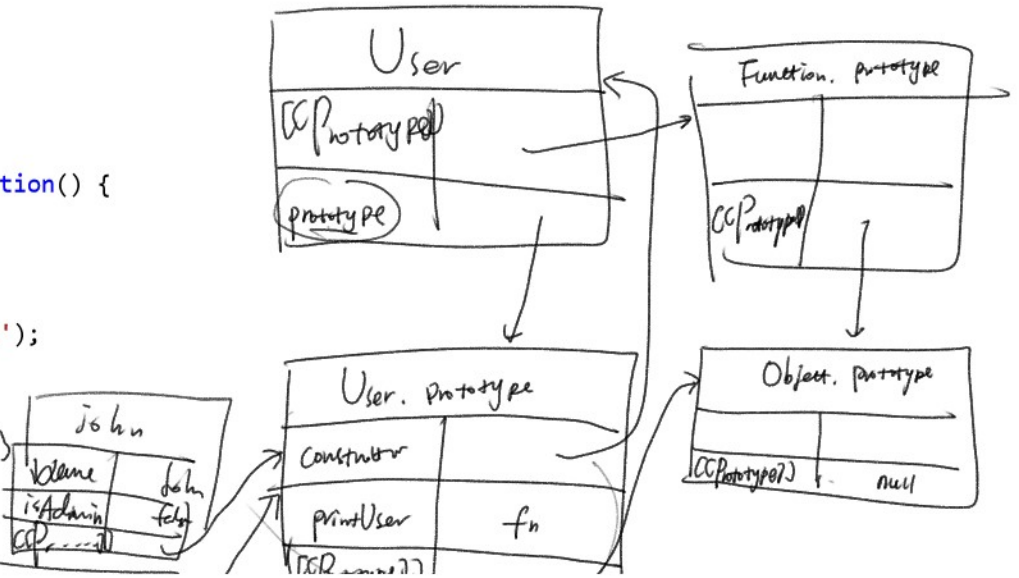
```
function User(name){
    this.name = name;
    this.isAdmin = false;
    age = 20;
}
const john = new User('John');

const edward = new john.constructor('Edward');
```

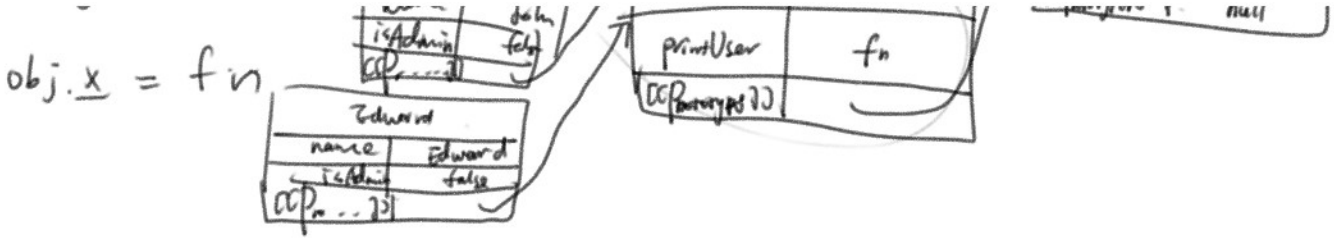



```
function User(name){
    this.name = name;
    this.isAdmin = false;
}
User.prototype.printUser = function() {
    console.log(`${this.name},
${this.isAdmin}`);
}
const john = new User('John');
const edward = new User('Edward');
john.printUser();
edward.printUser();
```

let obj = { x: fn }

obj.x = fn,






```
function User(name){
    this.name = name;
    this.isAdmin = false;
    this.setName = function(newName){
        this.name = newName;
    }
}

User.prototype.printUser = function() {
    console.log(`${this.name}, ${this.isAdmin}`);
}

const john = new User('John');
john.setName('Johnny');
john.printUser();

const edward = new User('Edward');
edward.setName('Ediiiiiiward');
edward.printUser();
```