选项卡面向对象拓展带定时器

```javascript
/*
    1. 能多个tab切换

    2. 都能自动播放

    3. 让第一个自动播放，第二个不用

    4.
*/
function Tab(box){ //类
    this.box = document.getElementById(box);
    this.btns = this.box.getElementsByTagName('input');
    this.divs = this.box.getElementsByTagName('div');
    this.oBtn = this.btns[0];
    this.oDiv = this.divs[0];
    this.timer = null;
    this.num = 0;

    this.init();
}

Tab.prototype.init = function(){
    //console.log(this);//new Tab
    let _this = this;
    for(let i=0;i<this.btns.length;i++){
        this.btns[i].onclick = function(){
            //this->input    input.change -> new Tab.change
            _this.change(i);
        }
    }
}

Tab.prototype.change = function(i){

    this.oBtn.className = '';

    this.oDiv.className = '';

    this.btns[i].className = 'active';

    this.divs[i].className = 'show';

    this.oBtn = this.btns[i];
    this.oDiv = this.divs[i];
}

Tab.prototype.autoPlay = function(){
    var _this = this;
    clearInterval(this.timer);
    this.timer = setInterval(function(){
        _this.num++;

        _this.change(_this.num%=3);
    },500);
}

Tab.prototype.stop = function(){
```

```javascript
        clearInterval(this.timer);
        this.timer = null;
}

Tab.prototype.isPlay = function(){
        return !!this.timer;//this.timer->!this.timer=> !false
}

var t1 = new Tab('box');
var btn1 = document.getElementById('btn1');

btn1.onclick = function(){
        t1.stop();
}

t1.autoPlay();

var t2 = new Tab('box2');

var btn2 = document.getElementById('btn2');

btn2.onclick = function(){
        t2.autoPlay();
}

var btn3 = document.getElementById('btn3');
btn3.onclick = function(){
        t1.autoPlay();
        t2.autoPlay();
}

var btn4 = document.getElementById('btn4');

btn4.onclick = function(){
        if(t1.isPlay()){
            t1.stop();
        }else{
            t1.autoPlay();
        }

        if(t2.isPlay()){
            t2.stop();
        }else{
            t2.autoPlay();
        }
}
```