JS第二周第二天

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JS第二周第二天

iavascript

1.声明变量

2.时间

```
<script>
  let ary = ["星期天", "星期一", "星期二", "星期三", "星期四", "星期五",
"星期六"];

function fn() {
  //new Date 使用构造函数方式创建
```

```
let time = new Date();//标准时间格式
    let year = time.getFullYear();
    let month = time.getMonth();
    let week = time.getDay();
    let day = time.getDate();
    let hours = time.getHours();
    let minutes = time.getMinutes();
    let seconds = time.getSeconds();
    let str = `${year}-${month+1}-${day} ${ary[week]} ${hours}:${mi}
nutes):${seconds}`;
    getDate.innerHTML = str;
  fn();
  setInterval(fn,1000);
  let sex=1;
  let str1=`性别:${sex?'男':'女'}`;
  console.log(str1);
</script>
```

3.倒计时

```
<script>
    //目标时间 确定的时间
    //let target=new Date("2018 4 25 12:00:00");
    //let target=new Date("2018/4/25 12:00:00");
    //let target=new Date("2018-4-25 12:00:00");
    //let target=new Date("2018*4*25 12:00:00");
    let target = new Date("2018,4,25 13:00:00");
    console.log(target);
```

```
//Wed Apr 25 2018 12:00:00 GMT+0800 (中国标准时间)
function fn() {
    let now = new Date;
    //获取时间差 毫秒
    let diff = target - now;
    //console.log(diff);//4034371
    //毫秒变成 小时 分钟 秒
    //从大到小计算 先计算小时 不够一小时变成分钟 不够一分钟变成秒
    let h = Math.floor(diff / (1000 * 60 * 60));
    let m = Math.floor((diff % (1000 * 60 * 60)) / (1000 * 60));
    let s = Math.floor(((diff % (1000 * 60 * 60))) % (1000 * 60)) /
1000);
    t.innerHTML = `距离下课还有: ${h}小时 ${m}分钟 ${s}秒`;
}
fn();
setInterval(fn,1000);
</script>
```

4.数组方法

```
<script>
 console.log(Array.prototype);
 var ary = [1, 2, 3];
 var result = ary.unshift("珠峰", "中国");
 console.log(ary);//["珠峰", "中国", 1, 2, 3]
 console.log(result);
 var ary = [1, 2, 3];
 var result = ary.push(10, 20);
 console.log(result);//5
 console.log(ary);//
```

```
var ary = [1, 2, 3];
var result = ary.shift();
console.log(result);//1
console.log(ary);// [2,3]
var ary = [1, 2, 3];
var result = ary.pop();
console.log(result);//3
console.log(ary);// [1,2]
var ary = [1, 2, 3, 4, 5];
var result = ary.slice(3, 1);
console.log(result);//[]
console.log(ary.slice(-4, 2));//[2]
var ary = [1, 2, 3, 4, 5];
```

```
console.log(ary.splice(3, 0, "哈哈"));
console.log(ary);
var ary = [1, 2, 3, 4, 5];
console.log(ary.concat(1, 3, 100));
console.log(ary.concat([100, 200, 300]));
console.log(ary.concat([100, 200, 300], 1));
console.log(ary);
var ary = [1, 2, 3, 4, 5];
console.log(eval(ary.join("+")));
console.log(ary.join());
var ary = [1, 2, 3, 4, 5];
console.log(ary.reverse());
console.log(ary);
var ary = [1, 2, 3, 4, 5, 6, 7, 8];
console.log(ary.index0f(4));//3
console.log(ary.index0f(4, 4));//-1
```

```
var ary = [1, 2, 3, 4, 5, 6, 7, 8];
 console.log(ary.includes(3));
 console.log(ary.includes(3, 4));//false
 var ary = [1, 2, 3, 4, 5, 6, 7, 8];
 console.log(ary.fill("哈哈", 3));
 console.log(ary);
 var ary = [1, 2, 3, 4, 5, 6, 7, 8];
 console.log(ary.copyWithin(3, 5));//[1, 2, 3, 6, 7, 8, 7, 8]
 var ary = [1, 2, 3, 4, 5, 6, 7, 8];
 console.log(ary.copyWithin(3, 5, 6));//[1, 2, 3, 6, 5, 6, 7, 8]
 var ary = [1, 2, 3, 4, 5, 6, 7, 8];
 console.log(ary.copyWithin(6, 3, 7));
</script>
```

5.遍历数组的方法

```
<script>
//1.forEach 没有返回值,原数组不改变
```

```
var ary=[1,3,5,7,8,11,21,31,38,9];
var ary1=[];
result=ary.forEach(function (item,index,input) {
   if(item>10)ary1.push(item);
});
console.log(ary1,result);
result=ary.map(function (item,index,input) {
    return item*10;
});
console.log(result);//如果函数没有返回值 result的每一项都是undefined
result=ary.find(function (item,index,input) {
    return item%11==0;
})
console.log(result);
result=ary.findIndex(function (item,index,input) {
    return item%11==0;
})
console.log(result);
result=ary.filter(function (item,index,input) {
   return item%2==0;
})
console.log(result);
result=ary.some(function (item,index,input) {
})
console.log(result);
result=ary.some(function (item,index,input) {
```

6.数组练习题

```
    var arr1=[{name:"AA",age:12},{name:"FF",age:31},{name:"NN",age:19},{name:"PP",age:26},{name:"SS",age:52}];

    //1.找出数组中的name是"PP"的将其age变成24

    // for (var i=0;i<arr1.length;i++){
        // if(arr1[i].name=="PP"){
        // arr1[i].age=24

        // }

        // for (let [index,item] of arr1.entries()){
        // if(item.name=="PP"){
        // arr1[index].age=24

        // }

        // // arr1.forEach(function (item,index) {
</pre>
```

7.面试题

```
let list=document.getElementById("list");
    let strHTML=``;
    for (let i=1;i<6;i++){</pre>
      strHTML+=``;
      for (let j=1;j<=2*i-1;j++) {</pre>
       strHTML+=`<span row="${i}" col="${j}">${i}*${j}</span>`;
     strHTML+= ``;
    list.innerHTML=strHTML;
    let spans=list.getElementsByTagName("span");
    for (let i=0;i<spans.length;i++){</pre>
      spans[i].onclick=function () {
        let row=this.getAttribute("row");
       let col=this.getAttribute("col");
        alert(`${row}行 ${col}列`)
</script>
```