

第十课 基础实战练习（学习计划表）

学习目录

- 练习目标
- 练习过程

一. 练习目标

运用之前学习的 vue 基础知识来检测我们的学习成果，可能运用到的只是包括 vue 的指令、条件渲染、循环列表、双向绑定、事件函数等等。这里的学习计划表主要包括生成学习计划、管理学习计划、数据显示等方面。

二. 练习过程

基础结构

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta      name="viewport"      content="width=device-width,
initial-scale=1.0">

  <meta http-equiv="X-UA-Compatible" content="ie=edge">

  <title>Document</title>

  <style>
```



学习前端，最快的进步是持续！

```
*{  
  
    margin:0px;  
  
    padding:0px;  
  
}  
  
button{  
  
    padding:10px 15px;  
  
}  
  
#app{  
  
    width:100%;  
  
    text-align: center;  
  
}  
  
.wrap{  
  
    display: inline-block;  
  
    width:600px;  
  
    background: orange;  
  
    text-align: left;  
  
}  
  
.inputPlanWrap{  
  
    padding:30px 0px;  
  
    border:1px solid #ccc;  
  
    text-align: center;  
  
}
```

```
.inputPlanWrap input{

    width:200px;

    height:40px;

    text-indent: 10px;

}

.studyPlan{

    text-align: right;

}

.planItem{

    display: flex;

    justify-content: space-around;

    border-bottom:1px solid #ccc;

    padding:10px 0px;

}

.submitBtnWrap{

    padding:10px 0px;

    border-bottom:1px solid #ccc;

}

.totalWrap{

    padding:10px 0px;

}

</style>
```

```
<script src="./vue.js"> </script>
```

```
</head>
```

```
<body>
```

```
<div id="app">
```

```
<div class="wrap">
```

```
<div class="inputPlanWrap">
```

```
<input type="text" placeholder="请输入您的学习计划" />
```

```
<button>提交</button>
```

```
</div>
```

```
<div class="studyPlan">
```

```
<div class="planItem">
```

```
<span>id:1</span>
```

```
<span>学习计划: vue 指令</span>
```

```
<span>完成状态: 未完成</span>
```

```
<input type="checkbox" name="" id="" />
```

```
</div>
```

```
<div class="submitBtnWrap">
```

```
<button>提交完成</button>
```

```
</div>
```

```
<div class="totalWrap">
```

```
<span>学习计划的总数量: 3</span>
```

```
<span>学习计划的完成数量: 3</span>
```



学习前端，最快的进步是持续！

```
<span>学习计划的生育数量: 3</span>

</div>

</div>

</div>

</div>

</body>

</html>
```

基础练习

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta      name="viewport"      content="width=device-width,
initial-scale=1.0">

  <meta http-equiv="X-UA-Compatible" content="ie=edge">

  <title>Document</title>

  <style>

    *{

      margin:0px;

      padding:0px;

    }
```



学习前端，最快的进步是持续！

```
button{

    padding:10px 15px;

}

#app{

    width:100%;

    text-align: center;

}

.wrap{

    display: inline-block;

    width:600px;

    background: orange;

    text-align: left;

}

.inputPlanWrap{

    padding:30px 0px;

    border:1px solid #ccc;

    text-align: center;

}

.inputPlanWrap input{

    width:200px;

    height:40px;

    text-indent: 10px;
```

```
}

.studyPlan{

    text-align: right;

    padding:15px;

}

.planItem{

    display: flex;

    justify-content: space-around;

    border-bottom:1px solid #ccc;

    padding:10px 0px;

    align-items: center;

}

.deleteBtn{

    width:30px;

    height:30px;

}

.submitBtnWrap{

    padding:10px 0px;

    border-bottom:1px solid #ccc;

}

.totalWrap{

    padding:10px 0px;
```



学习前端，最快的进步是持续！

```
}

.completedActive{

    background: #fff;

    color:orange;

}

</style>

<script src="./vue.js"> </script>

</head>

<body>

    <div id="app">

        <div class="wrap">

            <div class="inputPlanWrap">

                <input type="text" placeholder="请输入您的学习计划"

v-model="planValue" />

                <button @click="submitPlanFn">提交</button>

            </div>

            <div class="studyPlan">

                <div      class="planItem"      v-for="(item,index)      in

planListArr"      :key="item.id"      :class="item.status      ?      'completedActive'      :

'planItem'">

                    <span>id:{{item.id}}</span>

                    <span>学习计划: {{item.plan}}</span>

                </div>

            </div>

        </div>

    </div>

</body>

</html>
```




学习前端，最快的进步是持续！

```
<span>完成状态: {{formatStatus(item.status)}}</span>

<input          type="checkbox"          name=""

id="" :value="item.id" v-model="checkedArr" v-if="!item.status" />



</div>

<div class="submitBtnWrap">

    <button @click="submitCompleteFn"> 确 定 完 成

</button>

</div>

<div class="totalWrap">

    <span>学习计划的总数量: {{planListArr.length}}</span>

    <span> 学 习 计 划 的 完 成 数 量 :

{{completedArr.length}}</span>

    <span> 学习计划的剩余数量: {{planListArr.length -

completedArr.length}}</span>

</div>

</div>

</div>

</div>

<script>

    new Vue({
```

```
el:'#app',

data:{

    planListArr:[],

    planValue:"",

    checkedArr:[],

    completedArr:[]

},

computed:{

    formatStatus(){

        return function(status){

            return status == false ? '未完成' : '已完成';

        }

    }

},

created(){

    this.planListArr = this.getDataFn('planListArr');

    this.updateCountFn();

},

methods:{

    updateCountFn(){

        this.planListArr.map((item,index) => {

            if(item.status){
```

```
        this.completedArr.push(item.id);

    }

    });

},

setDataFn(key,value){

    localStorage.setItem(key,JSON.stringify(value));

},

getDataFn(key){

    return JSON.parse(localStorage.getItem(key));

},

submitPlanFn(){

    if(this.planValue == ''){

        alert('学习计划不能为空');

        return;

    }

    let obj = {

        id:Math.random() * 100 + new Date().getDate(),

        plan:this.planValue,

        status:false

    };

    this.planListArr.push(obj);

    this.planValue = '';
```

```
        this.setDataFn('planListArr',this.planListArr);

    },

    submitCompleteFn(){

        if(this.checkedArr.length == 0){

            alert('你还没有选择要完成的学习计划');

            return;

        }

        this.planListArr.map((item,index) => {

            this.checkedArr.map((checkedItem,checkedIndex)

=> {

                if(item.id == checkedItem){

                    item.status = true;

                    this.completedArr.push(item.id);

                }

            });

        });

        this.checkedArr = [];

        this.setDataFn('planListArr',this.planListArr);

    },

    deleteFn(id){

        let completedIndex =

this.completedArr.findIndex((item) => item.id == id);
```



学习前端，最快的进步是持续！

```
this.completedArr.splice(completedIndex,1);

this.planListArr = this.planListArr.filter((item,index) =>

{

    return item.id !== id;

});

this.checkedArr = [];

this.setDataFn('planListArr',this.planListArr);

}

}

});

</script>

</body>

</html>
```

谢谢观看！

我是星星课堂老师：周小周