


```

38 var app = new Vue({
39   // app initial state
40   data: {
41     todos: todoStorage.fetch(),
42     newTodo: '',
43     editedTodo: null,
44     visibility: 'all'
45   },
46
47   // watch todos change for localStorage persistence
48   watch: {
49     todos: {
50       handler: function (todos) {
51         todoStorage.save(todos)
52       },
53       deep: true
54     }
55   },
56
57   // computed properties
58   // http://vuejs.org/guide/computed.html
59   computed: {
60     filteredTodos: function () {
61       return filters[this.visibility](this.todos)
62     },
63     remaining: function () {
64       return filters.active(this.todos).length
65     },
66     allDone: {
67       get: function () {
68         return this.remaining === 0
69       },
70       set: function (value) {
71         this.todos.forEach(function (todo) {
72           todo.completed = value
73         })
74       }
75     }
76   },
77
78   filters: {
79     pluralize: function (n) {
80       return n === 1 ? 'item' : 'items'
81     }
82   },
83
84   // methods that implement data logic.
85   // note there's no DOM manipulation here at all.
86   methods: {
87     addTodo: function () {
88       var value = this.newTodo && this.newTodo.trim()
89       if (!value) {
90         return
91       }
92       this.todos.push({
93         id: todoStorage.uid++,
94         title: value,
95         completed: false
96       })
97       this.newTodo = ''
98     },

```


