

HASIL CODINGAN

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▼ HelloWorld.vue X
src > components > ▼ HelloWorld.vue > {} script setup > [0] todos
1  <script setup>
2    import { ref, watch, onMounted } from 'vue'
3
4    let id = 0
5
6    const newTodo = ref('')
7    const hideCompleted = ref(false)
8    const todos = ref([
9      { id: id++, text: 'Belajar HTML', done: false },
10     { id: id++, text: 'Belajar CSS', done: false },
11     { id: id++, text: 'Belajar JavaScript', done: false }
12   ])
13
14   const inputRef = ref(null)
15
16   function addTodo() {
17     if (newTodo.value.trim() !== '') {
18       todos.value.push({ id: id++, text: newTodo.value, done: false })
19       newTodo.value = ''
20       inputRef.value.focus()
21     }
22   }
23
24   function removeTodo(todo) {
25     todos.value = todos.value.filter(t => t.id !== todo.id)
26   }
27
28   watch(newTodo, (newValue, oldValue) => {
29     console.log(`newTodo berubah dari "${oldValue}" menjadi "${newValue}"`)
30   })
31
32   watch(todos, (newTodos, oldTodos) => {
33     console.log('Daftar todo Berubah:', newTodos)
34   }, { deep: true })
```

```
36   onMounted(function() {
37     console.log('Komponen telah dipasang')
38     if (inputRef.value) {
39       inputRef.value.focus()
40     }
41   })
42 </script>
43
44 <template>
45   <form @submit.prevent="addTodo">
46     <input v-model="newTodo" required placeholder="Tambahkan Todo">
47     <button>Tambahkan Todo</button>
48   </form>
49
50   <ul>
51     <li v-for="todo in todos.filter(t => !hideCompleted || !t.done)" :key="todo.id">
52       <input type="checkbox" v-model="todo.done">
53       <span :class="{ done: todo.done }"> {{ todo.text }}</span>
54       <button @click="removeTodo(todo)">X</button>
55     </li>
56   </ul>
57
58   <button @click="hideCompleted = !hideCompleted">
59     {{ hideCompleted ? 'Tampilkan' : 'Selesai' }}
60   </button>
61 </template>
62
63 <style>
64   .done {
65     text-decoration: line-through;
66   }
67 </style>
```