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```
class EditableList extends HTMLElement {
 constructor() {
    // establish prototype chain
   super():
   // attaches shadow tree and returns shadow root reference
   const shadow = this.attachShadow({ mode: 'open' });
   // creating a container for the editable-list component
   const editableListContainer = document.createElement('div');
   // get attribute values from getters
   const title = this.title;
   // adding a class to our container for the sake of clarity
   editableListContainer.classList.add('editable-list');
   // creating the inner HTML of the editable list element
   editableListContainer.innerHTML =
      <style>
      </style>
      <h3>${title}</h3>
      </div>
   // appending the container to the shadow DOM
   shadow.appendChild(editableListContainer);
    fires after the element has been attached to the DOM
 connectedCallback()
// Getters, listeners, ...
   let the browser know about the custom element
customElements.define('editable-list', EditableList);
```



```
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   super();
    // attaches shadow tree and returns shadow root reference
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   // creating a container for the editable-list component
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```
<!DOCTYPE html>
<html lang="EN">
<head>
    <meta charset="utf-8">
    <title>Editable List | Web Components</title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
<editable-list
       title="TODO"
        list-item-0="First item on the list"
        list-item-1="Second item on the list"
        list-item-2="Third item on the list"
        list-item-3="Fourth item on the list"
        list-item-4="Fifth item on the list"
        listItem="This will not appear"
        add-item-text="Add new list item:"
</editable-list>
<script type="text/javascript" src="main.js"></script>
</body>
</html>
```

