

JS

How to make a factory object with a method

```
const bookFactory = (title, author, pages, read) => {  
  const info = () => {return `${title} by ${author}, ${pages}, ${read}`}  
  return { title, author, pages, read, info};  
};
```

Get value of an input

```
const title = document.getElementsByName("title")[0].value;
```

Select by name in js, also check if the checkbox input is checked

```
const readValue = document.getElementsByName("read")[0].checked;
```

Prevent Form Submission

```
const element = document.querySelector('form');  
element.addEventListener('submit', event => {  
  event.preventDefault();  
  // actual logic, e.g. validate the form  
  console.log('Form submission cancelled.');
```

```
});
```

Toggle class

```
form.classList.toggle("form-toggle");
```

disable onclick

```
//how to disable onclick function after click?  
// To disable:  
document.getElementById('id').style.pointerEvents = 'none';  
// To re-enable:  
document.getElementById('id').style.pointerEvents = 'auto';  
// Use '' if you want to allow CSS rules to set the value
```

Append multiple elements

```
displayBookSection.append(itemElement, removeBtn);
```

Add classes in different ways

```
element.classList.add('my-class');  
element.className += ' my-class';  
// set it to the current classes plus the new class,  
element.setAttribute('class', element.getAttribute('class') + ' my-class');
```

Event delegation

This allows us to attach the event listener to a parent element, and then specify the elements we want to listen for events on.

We can attach the event listener to a single parent, and it will be triggered for any child elements that match the specific selector

```
const parentElement = document.querySelector("#displayBook");  
parentElement.addEventListener("click", (event) =>{  
  if (event.target.matches("button.removeBtn")){  
    console.log(1);  
  }  
})
```

Set data

```
function setData() {  
  localStorage.setItem(`myLibrary`, JSON.stringify(myLibrary));  
}
```

Get data

```
let objects = localStorage.getItem('myLibrary')  
objects = JSON.parse(objects);
```

Remove button

```
removeBtn.addEventListener('click', (event) => {  
  const item = event.target.parentElement;  
  item.remove();  
});
```