const myLibrary = [];

function Book(title, author, pages, read) {

this.title = title;

this.author = author;

this.pages = pages;

this.read = read;

}

Book.prototype.toggleReadStatus = function() {

this.read = !this.read;

};

function addBookToLibrary(title, author, pages, read) {

const newBook = new Book(title, author, pages, read);

myLibrary.push(newBook);

}

function displayBooks() {

const container = document.getElementById('container');

container.innerHTML = '';

myLibrary.forEach((book, index) => {

const bookCard = document.createElement('div');

bookCard.classList.add('book-card');

const title = document.createElement('h2');

title.textContent = book.title;

const author = document.createElement('p');

author.textContent = `Author: ${book.author}`;

const pages = document.createElement('p');

pages.textContent = `Pages: ${book.pages}`;

const read = document.createElement('p');

read.textContent = `Read: ${book.read ? 'Yes' : 'No'}`;

const readButton = document.createElement('button');

readButton.classList.add('btn-read')

readButton.textContent = '';

readButton.addEventListener('click', () => {

book.toggleReadStatus();

displayBooks();

});

const removeButton = document.createElement('button');

removeButton.textContent = 'Remove';

removeButton.addEventListener('click', () => removeBook(index));

bookCard.appendChild(title);

bookCard.appendChild(author);

bookCard.appendChild(pages);

bookCard.appendChild(read);

bookCard.appendChild(readButton);

bookCard.appendChild(removeButton);

if (book.read) {

bookCard.classList.add('read');

} else {

bookCard.classList.remove('read');

}

container.appendChild(bookCard);

});

}

function removeBook(index) {

myLibrary.splice(index, 1);

displayBooks();

}

addBookToLibrary('The Hobbit', 'J.R.R. Tolkien', 295, true);

addBookToLibrary('1984', 'George Orwell', 328, false);

addBookToLibrary('To Kill a Mockingbird', 'Harper Lee', 281, true);

const newBookBtn = document.getElementById('btn');

const newBookForm = document.getElementById('new-book');

const closeDialogBtn = document.getElementById('close-dialog');

const dialog = document.getElementById('my\_dialog');

const submit = document.getElementById('submit');

submit.addEventListener('click', () => {

event.preventDefault();

const title = document.getElementById('title').value

const author = document.getElementById('author').value

const pages = document.getElementById('pages').value

const read = document.getElementById('read').checked

addBookToLibrary(title, author, pages, read);

dialog.close();

displayBooks();

})

newBookBtn.addEventListener('click', () => {

dialog.showModal();

});

closeDialogBtn.addEventListener('click', () => {

dialog.close();

});

displayBooks();