**The program Books. Edit I. Full version**

***index.js***

import './index.css';

import React from 'react';

import ReactDOM from 'react-dom/client';

import App from './App';

const el = document.getElementById('root');

const root = ReactDOM.createRoot(el);

root.render(<App />);

***App.js***

import { useState } from 'react';

import BookCreate from './components/BookCreate';

import BookList from './components/BookList';

function App() {

  const [books, setBooks] = useState([]);

  const editBookById = (id, newTitle) => {

    const updatedBooks = books.map((book) => {

      if (book.id === id) {

        return { ...book, title: newTitle };

      }

      return book;

    });

    setBooks(updatedBooks);

  };

  const deleteBookById = (id) => {

    const updatedBooks = books.filter((book) => {

      return book.id !== id;

    });

    setBooks(updatedBooks);

  };

  const createBook =(title) => {

    const updatedBooks = [

      ...books,

      {

        id: Math.round(Math.random() \* 9999),

        title

      }

    ];

    setBooks(updatedBooks);

  };

  return (

      <div className='app'>

        <h1>Reading List</h1>

        <BookList onEdit={editBookById} books={books} onDelete={deleteBookById} />

        <BookCreate onCreate={createBook} />

      </div>

    );

  };

export default App;

***components/BookCreate.js***

import { useState } from "react";

function BookCreate({ onCreate }) {

    const [title, setTitle] = useState('');

    const handleChange = (event) => {

        setTitle(event.target.value);

    };

    const handleSubmit = (event) => {

        event.preventDefault();

        onCreate(title);

        setTitle('');

    };

    return (

        <div className="book-create">

            <h3>Add a Book</h3>

            <form onSubmit={handleSubmit}>

                <label>Title</label>

                <input className="input" value={title} onChange={handleChange} />

                <button className="button">Create!</button>

            </form>

        </div>

    );

}

export default BookCreate;

***components/BookEdit.js***

import { useState } from "react";

function BookEdit({ book, onSubmit }) {

    const [title,setTitle] = useState(book.title);

    const handleChange = (event) => {

        setTitle(event.target.value);

    };

    const handleSubmit = (event) => {

        event.preventDefault();

        onSubmit(book.id, title)

    };

    return (

        <form onSubmit={handleSubmit} className="book-edit">

            <label>Title</label>

            <input className="input" value={title} onChange={handleChange} />

            <button className="button is-primary">

                Save

            </button>

        </form>

    );

}

export default BookEdit;

***components/BookList.js***

import BookShow from './BookShow';

function BookList({ books, onDelete, onEdit }) {

    const renderedBooks = books.map((book) => {

        return (

            <BookShow onEdit={onEdit} onDelete={onDelete} key={book.id} book={book} />

        );

    });

    return <div className="book-list">{renderedBooks}</div>;

}

export default BookList;

***components/BookShow.js***

import { useState } from 'react';

import BookEdit from './BookEdit';

function BookShow({ book, onDelete, onEdit }) {

    const [showEdit, setShowEdit] = useState(false);

    const handleDeleteClick = () => {

        onDelete(book.id);

    };

    const handleEditClick = () => {

        setShowEdit(!showEdit);

    };

    const handleSubmit = (id, newTitle) => {

        setShowEdit(false);

        onEdit(id, newTitle);

    };

    let content = <h3>{book.title}</h3>;

    if (showEdit) {

        content = <BookEdit onSubmit={handleSubmit} book={book}/>;

    }

    return (

        <div className="book-show">

            <img

                alt="books"

                src={`https://picsum.photos/seed/${book.id}/300/200`}

            />

            <div>{content}</div>

            <div className="actions">

                <button className="edit" onClick={handleEditClick}>

                    Edit

                </button>

                <button className="delete" onClick={handleDeleteClick}>

                    Delete

                </button>

            </div>

        </div>

    );

}

export default BookShow;

***index.css***

/\*! bulma.io v0.9.4 | MIT License | github.com/jgthms/bulma \*/.button,.file-cta,.file-name,.input,.pagination-ellipsis,.pagination-link,.pagination-next,.pagination-previous,.select select,.textarea{align-items:center;-moz-appearance:none;-webkit-appearance:none;border:1px solid transparent;border-radius:4px;box-shadow:none;display:inline-flex;font-size:1rem;height:2.5em;justify-content:flex-start;line-height:1.5;padding:calc(.5em - 1px) calc(.75em - 1px);position:relative;vertical-align:top}.button:active,.button:focus,.file-cta:active,.file-cta:focus,.file-name:active,.file-name:focus,.input:active,.input:focus,.is-active.button,.is-active.file-cta,.is-active.file-name,.is-active.input,.is-active.pagination-ellipsis,.is-active.pagination-link,.is-active.pagination-next,.is-active.pagination-previous,.is-active.textarea,.is-focused.button,.is-focused.file-cta,.is-focused.file-name,.is-focused.input,.is-focused.pagination-ellipsis,.is-focused.pagination-link,.is-focused.pagination-next,.is-focused.pagination-previous,.is-focused.textarea,.pagination-ellipsis:active,.pagination-ellipsis:focus,.pagination-link:active,.pagination-link:focus,.pagination-next:active,.pagination-next:focus,.pagination-previous:active,.pagination-previous:focus,.select select.is-active,.select select.is-focused,.select select:active,.select select:focus,.textarea:active,.textarea:focus{outline:none}.button[disabled],.file-cta[disabled],.file-name[disabled],.input[disabled],.pagination-ellipsis[disabled],.pagination-link[disabled],.pagination-next[disabled],.pagination-previous[disabled],.select fieldset[disabled] select,.select select[disabled],.textarea[disabled],fieldset[disabled] .button,fieldset[disabled] .file-cta,fieldset[disabled] .file-name,fieldset[disabled] .input,fieldset[disabled] .pagination-ellipsis,fieldset[disabled] .pagination-link,fieldset[disabled] .pagination-next,fieldset[disabled] .pagination-previous,fieldset[disabled] .select select,fieldset[disabled] .textarea{cursor:not-allowed}.breadcrumb,.button,.file,.is-unselectable,.pagination-ellipsis,.pagination-link,.pagination-next,.pagination-previous,.tabs{-webkit-touch-callout:none;-webkit-user-select:none;user-select:none}.navbar-link:not(.is-arrowless):after,.select:not(.is-multiple):not(.is-loading):after{border:3px solid transparent;border-radius:2px;border-right:0;border-top:0;content:" ";display:block;height:.625em;margin-top:-.4375em;pointer-events:none;position:absolute;top:50%;-webkit-transform:rotate(-45deg);transform:rotate(-45deg);-webkit-transform-origin:center;transform-origin:center;width:.625em}.block:not(:last-child),.box:not(:last-child),.breadcrumb:not(:last-child),.content:not(:last-child),.level:not(:last-child),.message:not(:last-child),.notification:not(:last-child),.pagination:not(:last-child),.progress:not(:last-child),.subtitle:not(:last-child),.table-container:not(:last-child),.table:not(:last-child),.tabs:not(:last-child),.title:not(:last-child){margin-bottom:1.5rem}.delete,.modal-close{-webkit-touch-callout:none;-moz-appearance:none;-webkit-appearance:none;background-color:hsla(0,0%,4%,.2);border:none;border-radius:9999px;cursor:pointer;display:inline-block;flex-grow:0;flex-shrink:0;font-size:0;height:20px;max-height:20px;max-width:20px;min-height:20px;min-width:20px;outline:none;pointer-events:auto;position:relative;-webkit-user-select:none;user-select:none;vertical-align:top;width:20px}.delete:after,.delete:before,.modal-close:after,.modal-close:before{background-color:#fff;content:"";display:block;left:50%;position:absolute;top:50%;-webkit-transform:translateX(-50%) translateY(-50%) rotate(45deg);transform:translateX(-50%) translateY(-50%) rotate(45deg);-webkit-transform-origin:center center;transform-origin:center center}.delete:before,.modal-close:before{height:2px;width:50%}.delete:after,.modal-close:after{height:50%;width:2px}.delete:focus,.delete:hover,.modal-close:focus,.modal-close:hover{background-color:hsla(0,0%,4%,.3)}.delete:active,.modal-close:active{background-color:hsla(0,0%,4%,.4)}.is-small.delete,.is-small.modal-close{height:16px;max-height:16px;max-width:16px;min-height:16px;min-width:16px;width:16px}.is-medium.delete,.is-medium.modal-close{height:24px;max-height:24px;max-width:24px;min-height:24px;min-width:24px;width:24px}.is-large.delete,.is-large.modal-close{height:32px;max-height:32px;max-width:32px;min-height:32px;min-width:32px;width:32px}.button.is-loading:after,.control.is-loading:after,.loader,.select.is-loading:after{-webkit-animation:spinAround .5s linear infinite;animation:spinAround .5s linear infinite;border-color:transparent transparent #dbdbdb #dbdbdb;border-radius:9999px;border-style:solid;border-width:2px;content:"";display:block;height:1em;position:relative;width:1em}.hero-video,.image.is-16by9 .has-ratio,.image.is-16by9 img,.image.is-1by1 .has-ratio,.image.is-1by1 img,.image.is-1by2 .has-ratio,.image.is-1by2 img,.image.is-1by3 .has-ratio,.image.is-1by3 img,.image.is-2by1 .has-ratio,.image.is-2by1 img,.image.is-2by3 .has-ratio,.image.is-2by3 img,.image.is-3by1 .has-ratio,.image.is-3by1 img,.image.is-3by2 .has-ratio,.image.is-3by2 img,.image.is-3by4 .has-ratio,.image.is-3by4 img,.image.is-3by5 .has-ratio,.image.is-3by5 img,.image.is-4by3 .has-ratio,.image.is-4by3 img,.image.is-4by5 .has-ratio,.image.is-4by5 img,.image.is-5by3 .has-ratio,.image.is-5by3 img,.image.is-5by4 .has-ratio,.image.is-5by4 img,.image.is-9by16 .has-ratio,.image.is-9by16 img,.image.is-square .has-ratio,.image.is-square img,.is-overlay,.modal,.modal-background{bottom:0;left:0;position:absolute;right:0;top:0}.navbar-burger{color:currentColor;font-family:inherit;font-size:1em}