

## React Routing

- ↳ React Router DOM
- ↳ SPA (Single Page App)
- ↳ Link, NavLink, BrowserRouter, Routes, Route
- ↳ Switch, Navigate
- ↳ Routing Params
- ↳ No L
- ↳ vite setup & folder structure

Routing parameters  
↳ dynamic part of URL

/courses  
↳ /course/:id  
/degrees  
↳ /degrees/:id

Custom config  
↳ React Router  
↳ bundler (Webpack / gulp)

## React styling

- ↳ inline CSS
- ↳ external CSS
- ↳ modules
- ↳ styling frameworks
- ↳ MUI
- ↳ Tailwind CSS
- ↳ Bootstrap
- ↳ React-Bootstrap

JS file  
↓  
CSS file

## Library

- Navbar
- Footer
- Card
- Buttons
- Carousel
- Notifications
- Modal
- Form

create a mini-movie App, try style it with MUI

- ↳ /movies
- ↳ /movies/:id
- ↳ constant form
- ↳ /about

CRA vs

Vite

- ↳ folders structure
- ↳ public/index.html
- ↳ npm start
- ↳ node modules (881)

- ↳ main.jsx
- ↳ index.html

↳ npm run dev  
↳ node modules (95)  
↳ unnecessary packages are not installed  
↳ custom config  
↳ differential dependencies