

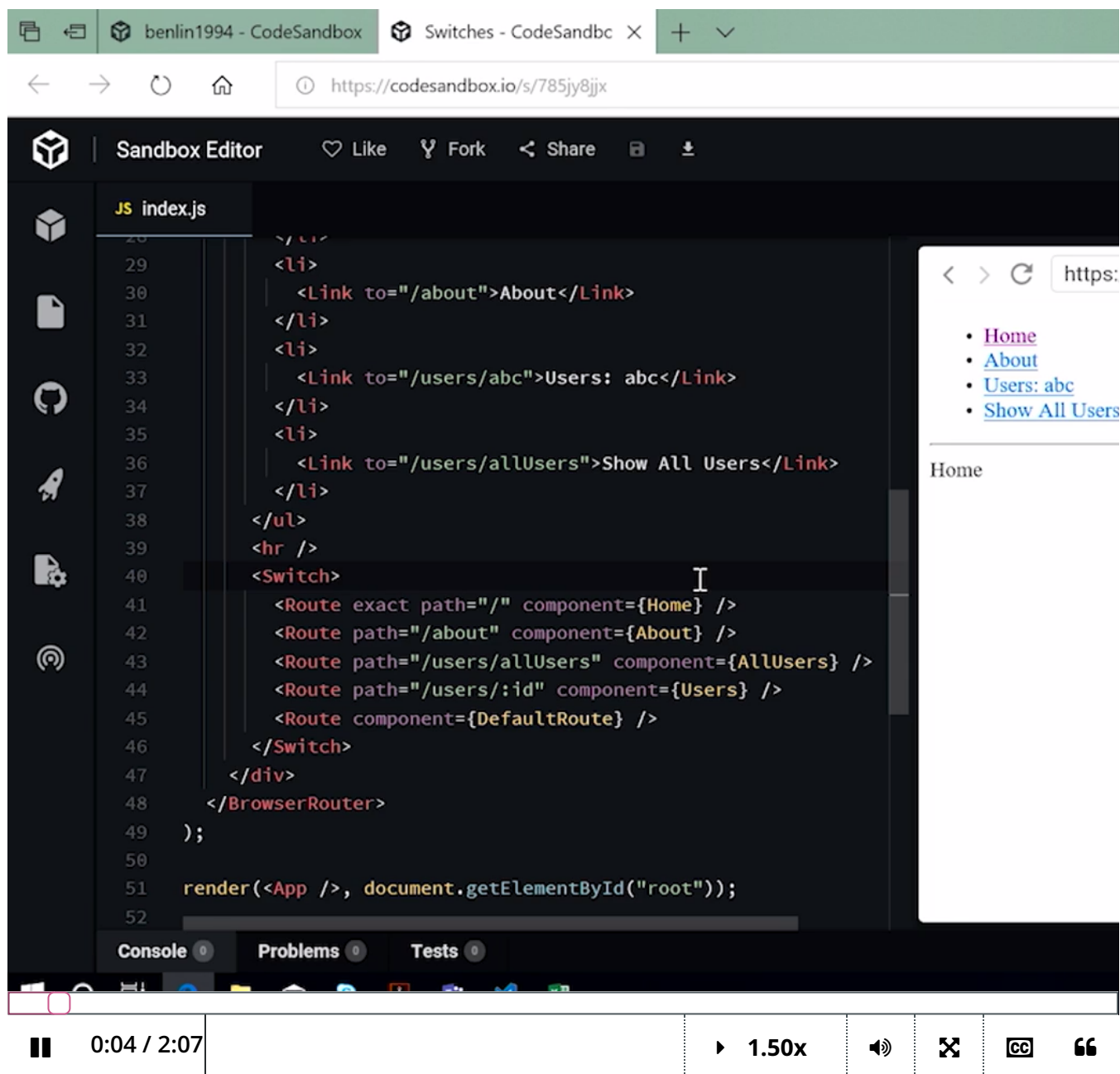


[Course](#) > [React R...](#) > [Switches](#) > Switches

Audit Access Expires Jun 20, 2020

You lose all access to this course, including your progress, on Jun 20, 2020.

Switches



The screenshot shows a CodeSandbox editor with a file named `index.js`. The code is a React component that renders a list of links and a `Switch` component for routing. The links are:

- [About](/about)
- [Users: abc](/users/abc)
- [Show All Users](/users/allUsers)

The `Switch` component defines the following routes:

- `exact path="/" component={Home}`
- `path="/about" component={About}`
- `path="/users/allUsers" component={AllUsers}`
- `path="/users/:id" component={Users}`
- `component={DefaultRoute}`

The preview on the right shows the rendered output, which includes a list of links and the `Home` page content.

Video

[Download video file](#)

Transcripts

[Download SubRip \(.srt\) file](#)

[Download Text \(.txt\) file](#)

Switches

Switch

The Switch component contains several Route components and will exclusively render the first route that is a match. Without a Switch component, multiple Routes may be rendered if multiple matches are detected.

We can import the Switch component with:

```
import { Switch, Route } from 'react-router-dom'
```

We can reference the Switch component using the <Switch> tag.

```
<Switch>
  <Route exact path="/" component={Home}/>
  <Route path="/about" component={About}/>
  <Route path="/users/allUsers" component={User}/>
  <Route path="/users/:id" component={User}/>
</Switch>
```

Default Route

It is a common practice to have the last Route within a Switch component be a route that always renders. This way, you can display a default component if all other routes fail.

```
<Switch>
  <Route exact path="/" component={Home}/>
  <Route path="/about" component={About}/>
  <Route path="/users/:id" component={User}/>
  <Route component={DefaultRoute}/> //if no other routes match, this
</Switch>
```

Try out this live example on CodeSandbox: <https://codesandbox.io/s/785jy8jjx>