# El Backo

## Assignment 1-1 (2/13/2019)

**1 - Create a new react app with**[**Create React App**](https://github.com/facebook/create-react-app)**(also automatically creates the first git commit):**

yarn create react-app el-backo-frontend

**2 - Run the app inside the el-backo-frontend folder (can then access the app at**[**http://localhost:3000**](http://localhost:3000/)**):**

yarn start

**3 - Add**[**React Router**](https://reacttraining.com/react-router/web/guides/quick-start)**package with:**

yarn add react-router-dom

## Assignment 1-2 (2/18/2019)

**Make sure you can run your program.**

yarn start

It should show the React rotating atom.

Make sure to run it from the correct directory   
(should be C:\dev\el-backo-class\step-1\el-backo-frontend\>)

**4 - Configure React Router in App.js with one Index route and add Index component.**

First of all, add this to your import statements:

import { BrowserRouter as Router, Switch, Route } from 'react-router-dom';

Then replace this line in your App.js (this is in the src folder)

export default App;

with this:

export default () => (

<Router>

<Switch>

<Route path='/' exact component={Index} />

</Switch>

</Router>

)

Try running your application (yarn start). It will give you an error. That’s because it needs to know what this “Index” component is.

Start by importing it. Add this to your imports.

import Index from './components/Index';

Now see that the error is “Module not found” and that’s because it can’t find a file in the components directory called “Index.js”

So we need to add that.

Make a directory in src called components

Then make a new file called Index.js and put this content:

import React from 'react'

import { Link } from 'react-router-dom'

export default () => (

<div />

)

## Assignment 1-3 (2/20/2019)

Replace your components/Index.js file with this one.



5 - Add /singleplayer/new route and SingleplayerNew component

In App.js, add this import:

import SingleplayerNew from './components/SingleplayerNew';

In App.js, in Router/Switch area, add this line after the first route:

<Route path='/singleplayer/new' exact component={SingleplayerNew} />

And finally add a new file in the components directory:



Now try yarn start (if it’s not already running) and open to <http://localhost:3000/>

## Assignment 1-4 (2/25/2019)

6 - Add `Link` in `Index` component to `/singleplayer/new` route

Open src/components/Index.js.

Make sure it looks like this:

import React from 'react'

import { Link } from 'react-router-dom'

export default () => (

<div>

<div>

In Index route here

</div>

<Link to='/singleplayer/new'>

Singleplayer

</Link>

</div>

)

7 - Add `SingleplayerPlayerNames` that asks for player names for a new game; also accepts and renders `playersCount` variable from the url

Create src/components/SingleplayerPlayerNames.js and put this as its content:

import React from 'react'

export default ({

match: {

params: {

playersCount,

},

},

}) => (

<div>

This will eventually ask for {playersCount} player names to create a game

</div>

)

Edit src/App.js and make sure it looks like this:

import React from 'react';

import { BrowserRouter as Router, Switch, Route } from 'react-router-dom';

import Index from './components/Index'

import SingleplayerNew from './components/SingleplayerNew'

import SingleplayerPlayerNames from './components/SingleplayerPlayerNames'

export default () => (

<Router>

<Switch>

<Route path='/' exact component={Index} />

<Route path='/singleplayer/new' exact component={SingleplayerNew} />

<Route path='/singleplayer/new/:playersCount' exact component={SingleplayerPlayerNames} />

</Switch>

</Router>

)

See how there’s a new Route to /singleplayer/new/:playersCount

Try yarn start, see if it works!

## Assignment 1-5 (2/27/2019)

8 - Add [lodash](https://lodash.com) that will be needed for utility operations:

yarn add lodash

9 - Add router links for player counts to the `SingleplayerNew` component; map it using lodash

Open src/components/SingleplayerNew.js into Sublime Text.

Make sure that you have this line at the top:

import \_ from 'lodash'