



Getting Started With React

To get an overview of what React is, you can write React code directly in HTML.

But in order to use React in production, you need npm and Node.js installed.

Setting up a React Environment

If you have npx and Node.js installed, you can create a React application by using `create-react-app`.

Run this command to create a React application named `my-react-app`:

```
npx create-react-app my-react-app
```

The `create-react-app` will set up everything you need to run a React application.

Run the React Application

Now you are ready to run your first *real* React application!

Run this command to move to the `my-react-app` directory :

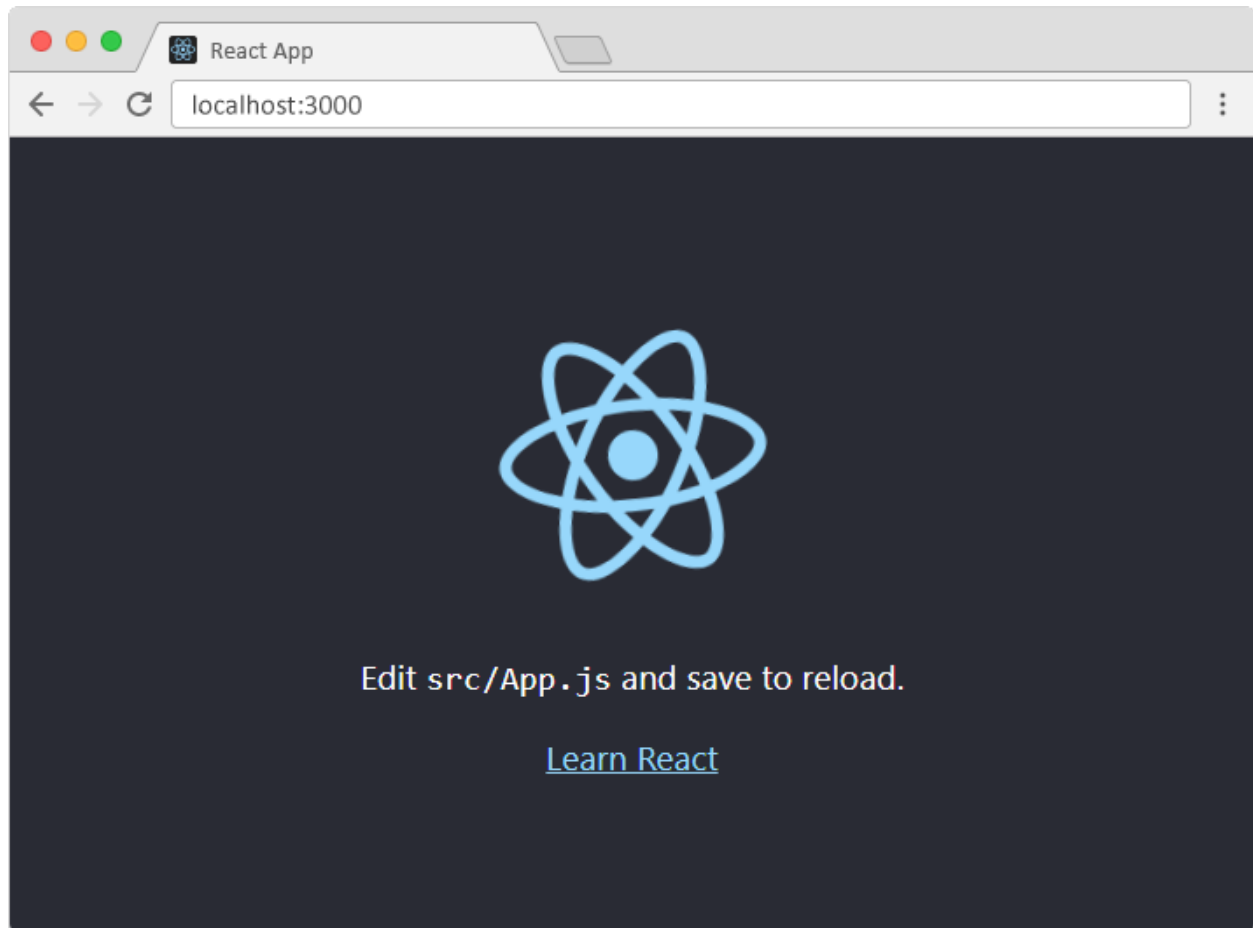
```
cd my-react-app
```

Run this command to run the React application `my-react-app`:

```
npm start
```

A new browser window will pop up with your newly created React App! If not, open your browser and type `localhost:3000` in the address bar.

The result:



Modify the React Application

So far so good, but how do I change the content?

Look in the `my-react-app` directory, and you will find a `src` folder. Inside the `src` folder there is a file called `App.js`, open it and it will look like this:

/myReactApp/src/App.js:

```
import logo from './logo.svg';
import './App.css';

function App() {
  return (
    <div className="App">
      <header className="App-header">
        <img src={logo} className="App-logo" alt="logo" />
        <p>
          Edit <code>src/App.js</code> and save to reload.
        </p>
        <a
          className="App-link"
          href="https://reactjs.org"
          target="_blank"
          rel="noopener noreferrer"
        >
          Learn React
        </a>
      </header>
    </div>
  );
}

export default App;
```

Try changing the HTML content and save the file.

Example:

Replace all the content inside the `<div className="App">` with a `<h1>` element.

See the changes in the browser when you click Save.

```
function App() {  
  return (  
    <div className="App">  
      <h1>Hello World!</h1>  
    </div>  
  );  
}
```

```
export default App;
```

The result:

