

Core

Deadline: Sunday of Week 2

Difficulty Level: Basic

Est. Time: 02:00-03:00



React Blocks (Core)

Create a standard user interface using React components to represent each of the wireframe elements.



Learning Objectives

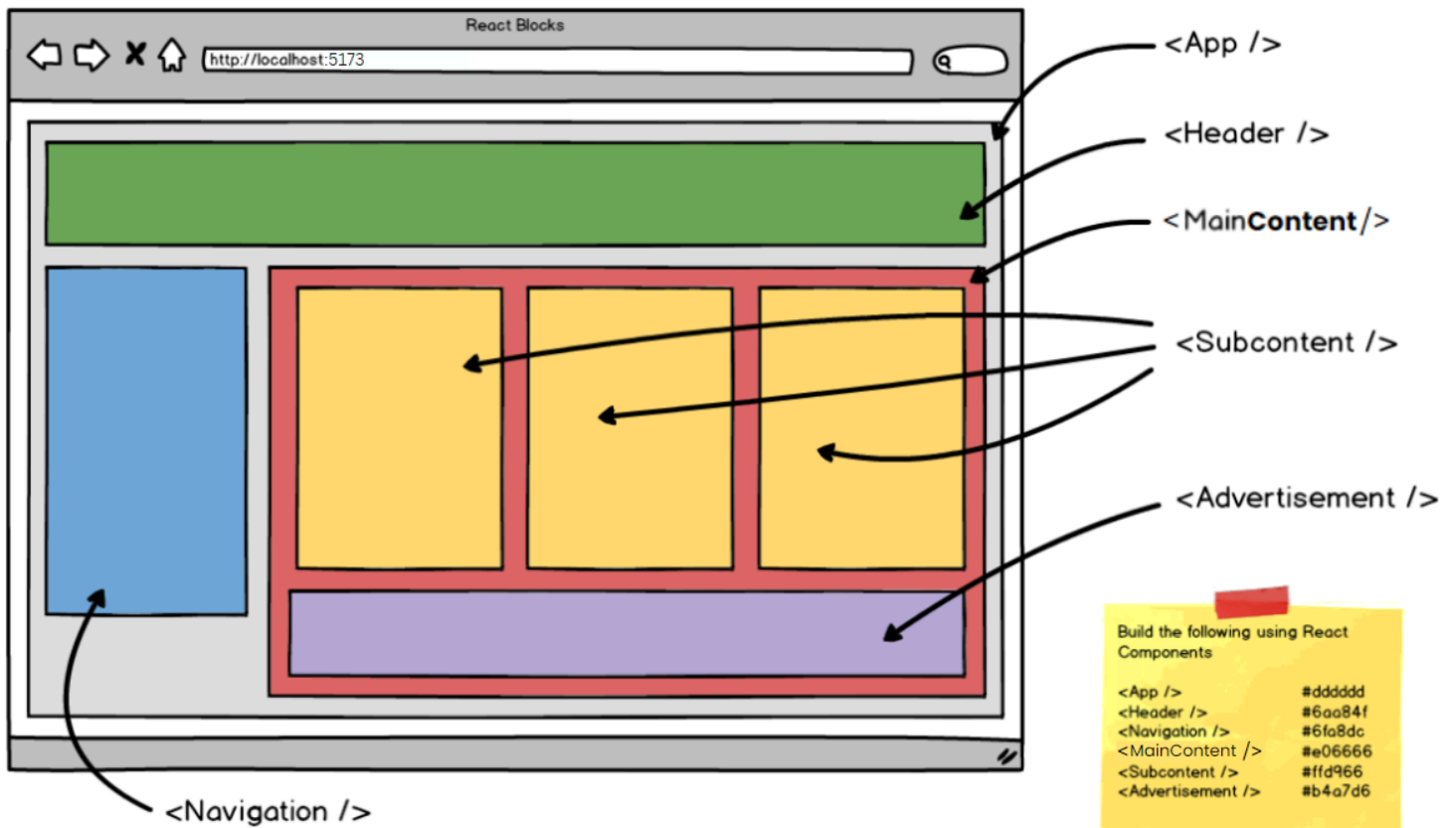
- Create functional components with a hierarchical structure

Welcome to another **Core assignment**! Some students like to explore the assignments before they're finished reading through the lessons, and that's okay! It can be good for your brain to have a preview of what your future challenges might be. However, before you begin this assignment, it's important that you've first:

- Completed the preceding lesson modules
- Taken the knowledge checks to confirm your understanding
- Viewed lecture material related to the assignment topics
- Completed and submitted your practice assignments

React Blocks:

Using what you've learned about functional components, recreate the famous "Plotting your Blocks" assignment from Web Fundamentals this time using React Components.



With the exception of the App component, every component can be a child of another component. In the MainContent component, you can import the Advertisement and Subcontent components and invoke them in the return - identical to what you've done previously.

```
import './App.css';
import Header from './components/Header';
import Navigation from './components/Navigation';
import MainContent from './components/MainContent';

function App() {
  return (
    <div className="app">
      <Header />
      <Navigation />
      <MainContent />
    </div>
  );
}

export default App;
```

- ☐ Use the terminal to build a new React application with Vite.
- ☐ Create a components folder and five additional components for each section of the wireframe.
- ☐ Import the Header, Navigation and MainContent components into the App.jsx.
- ☐ Import the Advertisement and Subcontent component into the MainContent.jsx.
- ☐ Clear the default styling from the App.css and the index.css and use CSS to match wireframe layout.