

## Course: Web Development with Angular and React

### Module 4: React

#### Topic: What Is React? Anatomy of a React App. Components

##### Task 1

Draw and argue the architecture of a React app. Explain the advantages and disadvantages of using React.

##### Task 2

Create and run a basic React app printing “Hello, React” in a browser. Use an online editor for this task. It can be Repl.it (<https://repl.it/>), CodePen (<https://codepen.io/>), CodeSandbox (<https://codesandbox.io/>).

Use the JSX syntax and an alternative in the form of createElement. Use a functional component during development.

##### Task 3

Create and run a React app that displays brief information about you in a browser. For example, full name, phone number, email address.

Be sure to use functional components and JSX syntax.

## Task 4

Create and run a React app that displays brief information about your city in a browser. For instance, city name, country name, year of foundation, some pictures of sights in your city.

Be sure to use functional components and JSX syntax.