REACT is a frontend JavaScript library for building user interfaces.

Developed by FACEBOOK. Maintained by FACEBOOK and open source contributors.

React uses something called Virtual DOM -

Virtual DOM - JavaScript object

Faster than real DOM

Components - based frontend library

Pages are divided into components

Components let you split the UI in the independent, reusable parts.

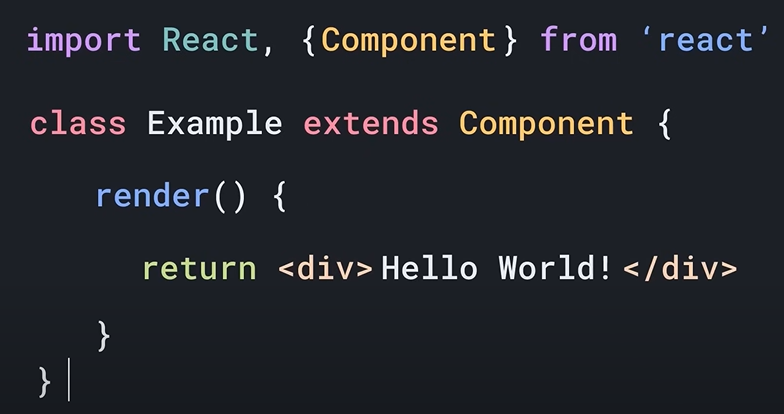
First, we start with building components independently and then connect them to form a complete UI.

Two types of components-

1. Functional
2. Class-based

Types of function we can write in a component: Normal function, Arrow Function, Named Function

Class-based components(Not used anymore) Functional components (Arrow function used)

* JSX Syntax used.

React Environment Setup

1. Manually setting up all the things using webpack and babel.
2. Using the create-react-app command.