1. Introduction

* React is open source JS library by Facebook
* Latest version 16.x
* Component based architecture
* Components are reusable
* React is declarative - User should specify how the UI should look like
* Uses virtual dom – It’s like a blueprint for actual dom
* The application will be rendered on div tag “root” in index.html

1. Component

* Reusable, part of UI
* It can be nested
* Component is placed in a JS file
* Functional Component
  + Plain JS function
* Class Component
  + ES6 class which extends React Component
  + Render() returns html
* JSX - JavaScript XML
* JSX - Reduce the complexity with syntax
* Props – It’s immutable
* State – To overcome the problem with props

1. Props vs state

* Props is passed to the component – state is managed within the component