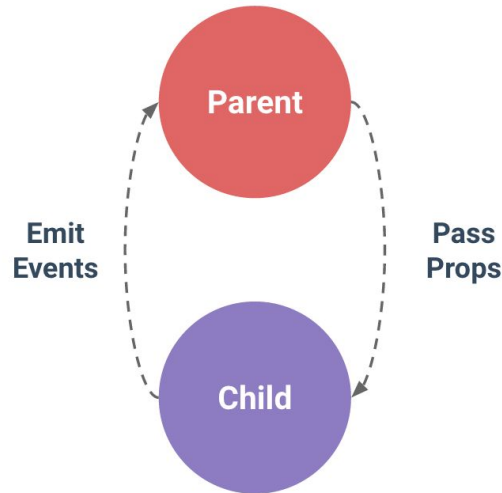# ReactJS Basic

Isumi
Batam, Jan 2020

GOALS

1. Parent-Child Components
2. State
3. Props

Parent-Child Components

In React the data flows in one direction: from the parent to the child.
To unify components that are separate from the parent we need the default export method and call the component on the parent.

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State and Props

- State is internal to a component, while props are passed to a component.
  <mark>State can Change — Mutable</mark>
- Props are short for *Properties*.
  <mark>Props are Unchangeable — Immutable</mark>

Notice:

Keep in mind not to update state directly using *this.state.* Always use *setState* to update the state objects. Using *setState* re-renders the component and all the child components.

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Resources

Link libraries:
https://cdnjs.cloudflare.com/ajax/libs/babel-core/5.8.34/browser.js
https://unpkg.com/react@15/dist/react.js
https://unpkg.com/react-dom@15/dist/react-dom.js

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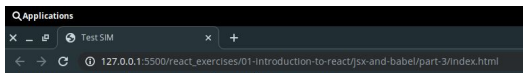
Exercise

Practice using props:

Learn some information about this person:

- Name: Harry
- Age: 28

  Hobbies:
- bowling
- watching tv
- drinking beer

Good luck for your Test!

Learn some information about this person:

- Name: Johny
- Age: 34

  Hobbies:
- painting
- gambling

Good luck for your Test!

Learn some information about this person:

- Name: Lorem
- Age: 10

  Hobbies:
- skateboarding
- making prank calls

Exercise

Create a web application that displays an interface that looks like this:

Mentor Glints x Binar Academy

Fikri

Class: Back-end

Isyana Karina

Class: React-Native

Yudi

Class: Front-end

Our beloved mentor is
Isumi

Exercise

Build a calculator using React.js ;)

(	CE	)	C
1	2	3	+
4	5	6	-
7	8	9	x
.	0	=	÷