

React Cheatsheet

1

in render()

 seems to work

 error

</br/> error

2

state is internal to a component, props are passed into the component from outside

3

setState() is asynchronous

4

Babel is needed to transform JSX

5

custom functions bound with .bind(this)

6

How does a child component call a function in the parent component?

solution:

<https://medium.com/@ruthmpardee/passing-data-between-react-components-103ad82ebd17>

Part 1

In Parent component

```
myCallback = (dataFromChild) => {}
```

whatever happens in this function,
is the actual code that needs to happen
when the user clicks the button

Part 2

In Parent component in the render()

the declaration of the child component needs to have the prop bound to the function

```
<TimerButton callbackFromParent={this.myCallback}/>
```

callbackFromParent points to the function myCallback in the Parent component

The prop callbackFromParent is passed into TimerButton.

Part 3

In Child Component

To call the function that exists in the Parent component, do this:

```
this.props.callbackFromParent(1);
```

Even though this line is in the Child component, callbackFromParent() still points to myCallback.

When the user clicks the 1 min button, this line can be thought of as myCallback(1);

The code is:

```
runTimer(event){  
  this.props.callbackFromParent(1);  
}
```

Part 4

In Child Component

```
<button onClick={this.runTimer}>{this.props.time} Min</button>
```

When the user clicks 1 min button,
runTimer() is executed, which calls myCallback(1)

