Installation :

npm install create-react-app -g

editing the application – 9

To apply the class first we need to create .css file. For example suppose if we have created the App.jsx , then we have to create the App.css file there.

.App{

//css goes here

}

Now apply it.

<div className=”App”>

…

</div>

**Chaging state :**

Idea of state in react component :  
In react the state is always an object. In state the property key maps to values. These values can be any values in the javascript. It may be string , number or an other object.

constructor(props){

super(props);

this.state = {deadline : ‘December 25, 2017’};

}

Now, we want to change the state dynamically. For this we need to take the advantage special method in react Js. It is called setState.

changeDeadline(){

this.setState({});

}

Note : We can never mutate or change the state directly.

For example :

this.state.deadline = ‘November 20,2017’;

The reactjs will never render it. This will never work , instead we need to use the set method.

So here is the right solution :

changeDeadline(){

this.setState({deadline : ‘November 20,2017’})

}

If we want to call it from button click , then it will be :

<button onClick={()=>this.changeDeadline()}>Calculate</button>

Here we are using the ESMA6 anonymous function to prevent the script to get crashed.

**Changing the data from the input field :**

No again I have taken the new key-value pair with key as city and value as empty for. Because we want to change the key-value pair from the textfield dynamically.

constructor(props){

super(props);

this.state = {

city : ‘’

}

}

<input onChange={event=>console.log(event.target.value)}>

In the onChange function we are adding an event

Also on the change activity for the textfield we are actually trying to log (print) the event.

It changes everytime the user changes the textfield.

In the same way , if you want to change the state dynamically from the textfield, then we have to use

<input onChange={event=>setState({city : event.target.value})}/>