Passing function as properties

import React from "react"

import Child from "./child"

class Parent extends React.Component{

    constructor(){

        super()

this.state ={

            message:"Parent"

        }

    }

    par()

    {

        alert(`Hello ${this.state.message} from Child`)

    }

    render()

    {

        return <Child a={this.par.bind(this)}/>

    }

}

export default Parent

conditiinal rendering

1.If-else condition method

class Parent extends React.Component{

    constructor(){

        super()

        this.state ={

            islogged : true

        }

}

render(){

    if(this.state.islogged){

        return<h1>Welcome Adam</h1>

    }

    else

    {

       return<h1>Welcome Guest</h1>

    }

    }

}

2. Element variable

class Parent extends React.Component{

  constructor(){

      super()

      this.state ={

          islogged : true

      }

}

render(){

var message

  if(this.state.islogged){

      message=<h1>Welcome Adam</h1>

  }

  else

  {

     message=<h1>Welcome Guest</h1>

  }

 return message

  }

}

3. Ternary Operator

class Parent extends React.Component{

  constructor(){

      super()

      this.state ={

          islogged : true

      }

}

render(){

return this.state.islogged?

  <h1>adem</h1>:

  <h1>jhon</h1>

  }

}

4. Short circuit method

render(){

  return this.state.islogged&&<h1>welcome</h1>

  }

  }

List rendering

Method no.1

render(){

var a=["tony","stark","steve"]

return <h1>{a.map(x=><h1>{x}</h1>)}</h1>

}

Method no.2

render(){

var a=[{id:1,name:"Tony",

job:"developer"},{

id:2,

name:"steve"

job:"designner"}]

return <h1>{a.map(x=><h1>my name is{x.name}working as{x.job}</h1>}</h1>

Method no.3

render(){

var a=[{id:1,name:"Tony",

job:"developer"},{

id:2,

name:"steve"

job:"designner"}]

return <h1>{a.map(x=><h1 key={x.id}>my name is{x.name}working as{x.job}</h1>}</h1>

}

Method no.4

render(){

var a=[{id:1,name:"Tony",

job:"developer"},{

id:2,

name:"steve"

job:"designner"}]

return <div>{a.map((x,index)=><h1 key={index}>my name is{x.name}working as{x.job}with index number{index}</h1>}<div>

}