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Lab 8 AP

# Code:

import React from 'react';

class Timer extends React.Component{

constructor(props){

super(props);

this.state = {

mins: 0,

secs: 0

}

this.setTimer = this.setTimer.bind(this)

this.runClock = this.runClock.bind(this)

this.changeTime = this.changeTime.bind(this)

}

setTimer(event){

this.setState({

mins: event.target.value

})

}

runClock(){

if(this.state.mins >=1){

this.setState({secs: 59, mins: this.state.mins-1 });

this.intervalID = setInterval(()=>this.changeTime() ,1000);}

}

changeTime(){

if(this.state.mins ===0 && this.state.secs===0)

{

clearInterval(this.intervalID);

}

else if(this.state.secs === 0 ) {

this.setState({

secs: 59,

mins: this.state.mins-1 })

}

else this.setState({secs: this.state.secs-1 })

}

render(){

return (

<div style={{padding: 20}}>

<input type="number" onChange={this.setTimer}/><div></div>

<div><h1>{this.state.mins}:{this.state.secs}</h1></div>

<button onClick={this.runClock}>Start</button>

</div>

)

}

}

export default Timer;

# Output:

