```javascript
1  /**
2   * @file Timer.js
3   * @description This file generates a timer for the game.
4   * @author Manyi Cheng
5   * @version Latest edition on April 10, 2021
6   */
7  import React, { useState, useEffect } from 'react';
8
9
10 /**
11  * @function Timer
12  * @param {*} props
13  * @returns A timmer that counts down from 10 minutes on the upper right corner of
   the web page during the game
14  */
15 const Timer = (props) => {
16         const { initialMinutes = 0, initialSeconds = 0 } = props;
17         const [minutes, setMinutes] = useState(initialMinutes);
18         const [seconds, setSeconds] = useState(initialSeconds);
19
20         useEffect(() => {
21                 let myInterval = setInterval(() => {
22                         if (seconds > 0) {
23                                 setSeconds(seconds - 1);
24                         }
25                         if (seconds === 0) {
26                                 if (minutes === 0) {
27                                         clearInterval(myInterval);
28                                 } else {
29                                         setMinutes(minutes - 1);
30                                         setSeconds(59);
31                                 }
32                         }
33                 }, 1000);
34                 return () => {
35                         clearInterval(myInterval);
36                 };
37         }, [minutes, seconds]);
38
39     useEffect(() =>{
40         if(minutes === 0 && seconds === 0){
41             console.log("times up")
42             props.onTimer()
43         }
44     }, [minutes, seconds]);
45
46         return (
47                 <div className = "timer-container" >
48                         {minutes === 0 && seconds === 0 ? null: (
49                                 <div>
50                                         {' '}
51                                         {minutes}:{seconds < 10 ? `0${seconds}` :
   seconds}
52                                 </div>
53                         )}
54                 </div>
55         );
56 };
57
```

```
58  /**
59   * @exports Timer
60   */
61  export default Timer;
```