

# 리액트 hook 활용 별찍기 구현

## 구현결과

### Eaxm07

useState, useEffect, useRef를 사용한 별찍기 구현

rowNum :

```
*
**
***
****
*****
*****
*****
```

## App.js

```
import React, { useEffect } from "react";

const App = () => {
  const [rowNum, setRowNum] = React.useState(0);
  //useRef
  const Result = React.useRef();

  //useState
  const onRownumChange = (e) => {
    setRowNum(e.currentTarget.value);
  };

  //useEffect
  useEffect(() => {
    let star = "";

    for (let i = 0; i < rowNum; i++) {
      for (let j = 0; j <= i; j++) {
        star += "*";
      }
      star += "<br/>";
      Result.current.innerHTML = star;
    }
  }, [rowNum]);
```

```
return (  
  <div>  
    <h1>Exam07</h1>  
    <p>useState, useEffect, useRef를 사용한 별찍기 구현</p>  
    <hr />  
    <label htmlFor="rowNum">rowNum : </label>  
    <input id="rowNum" type="text" value={rowNum} onChange={onRownumChange} />  
    <hr />  
    <div ref={Result}></div>  
  </div>  
>;  
};  
  
export default App;
```