

# 박세영 연습문제

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## 코드

index.js

```
import React from "react";
import ReactDOM from "react-dom/client";
import App from "./App";

const root = ReactDOM.createRoot(document.getElementById("root"));
root.render(
  <React.StrictMode>
    <App />
  </React.StrictMode>
);
```

App.js

```
import React from "react";
import GradeItem from "./components/GradeItem"
import GradeData from "./GradeData";

function App() {
  return (
    <div>
      <h1>성적표</h1>
      <br />
      <hr />
      <table border="1">
        <thead>
          <th>이름</th>
          <th>학년</th>
          <th>성별</th>
          <th>국어</th>
          <th>영어</th>
          <th>수학</th>
          <th>과학</th>
          <th>총점</th>
          <th>평균</th>
        </thead>
        <tbody>

          {GradeData.map((v,i)=>{
            return(
              <GradeItem
                key={i} name={v.name} grade={v.grade} sex={v.sex}>
```

```

        kor={v.kor} eng={v.eng} mat={v.mat} sic={v.sic} />
      )
    }
  </tbody>
</table>
</div>
);
};

export default App;

```

## GradeItem.js

```

import React from 'react';
import PropTypes from 'prop-types';

const GradeItem=({name,grade,sex,kor,eng,mat,sic}) =>{
  const sco= parseInt(kor+ eng+ mat+ sic);
  const ave= parseInt(sco/4);
  return(
    <tr>
      <td>{name}</td>
      <td>{grade}</td>
      <td>{sex}</td>
      <td>{kor}</td>
      <td>{eng}</td>
      <td>{mat}</td>
      <td>{sic}</td>
      <td>{sco}</td>
      <td>{ave}</td>
    </tr>
  );
};

GradeItem.propTypes= {
  name: PropTypes.string,
  grade: PropTypes.number,
  sex: PropTypes.string,
  kor: PropTypes.number,
  eng: PropTypes.number,
  mat: PropTypes.number,
  sic: PropTypes.number,
  soc: PropTypes.number,
  ave: PropTypes.number
}

GradeItem.defaultProps={
  kor: 0,
  eng: 0,
  mat: 0,
  sic: 0
}

```

```
export default GradeItem;
```

구현 결과

## 성적표

이름	학년	성별	국어	영어	수학	과학	총점	평균
철수	1	M	98	78	88	64	328	82
영희	2	F	88	0	62	72	222	55
민수	1	M	92	70	76	78	316	79
수현	3	F	63	60	31	0	154	38
호영	4	M	88	50	0	88	226	56