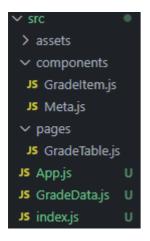
박정모 React 연습문제 4-1

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파일 구조



App.js

```
import React from 'react';
import { Link, Routes, Route } from 'react-router-dom';
import GradeTable from './pages/GradeTable';
function App() {
 return (
   <div className="App">
      <h1>성적표</h1>
      <nav>
        <Link to="/grade_table/1">1학년</Link>&nbsp; |&nbsp;
        <Link to="/grade_table/2">2학년</Link>&nbsp; |&nbsp;
        <Link to="/grade_table/3">3학년</Link>&nbsp; |&nbsp;
        <Link to="/grade_table/4">4학년</Link>
      </nav>
      <hr />
      <Routes>
        <Route path="/grade_table/:grade" element={<GradeTable />} />
      </Routes>
   </div>
 );
export default App;
```

GradeTable.js

```
import React from 'react';
import GradeItem from '../components/GradeItem';
import { useParams } from "react-router-dom";
import GradeData from '../GradeData';
import Meta from '../components/Meta';
const GradeTable = (props) => {
   const params = useParams();
   const grade = params.grade + '학년';
   return(
      <div>
      <Meta title={grade}/>
         <thead>
                이름
                   성별
                   국어
                   영어
                   수학
                   과학
                   총점
                   평균
                </thead>
                {GradeData[grade].map((v, i) => {
                   return(<GradeItem
                      name={v['이름']}
                      gender={v['성별']}
                      kor={v['국어']}
                      eng={v['영어']}
                      math={v['수학']}
                      sci={v['과학']} />)
                })}
         </div>
   )
}
export default GradeTable;
```

Meta.js

```
import React from 'react';
import { Helmet } from 'react-helmet';
import logo from '../assets/img/logo192.png';
const Meta = (props) => {
    console.debug(props.title);
    return (
        <Helmet>
            <title>{props.title} ::: React 연습문제</title>
            <link rel='shortcut icon' href={props.image} type="image/png" />
            <link rel='icon' href={logo} type="image/png" />
        </Helmet>
    )
};
Meta.defaultProps = {
    title: '',
};
export default Meta;
```

Gradeltem.js

```
import React from 'react';
import PropTypes from 'prop-types';
const GradeItem = ({name, gender, kor, eng, math, sci}) => {
   console.log(name);
   const sum = parseInt(kor + eng + math + sci);
   const avg = parseInt(sum / 4);
   return (
      {name}
                   {gender}
                   {kor}
                   {eng}
                   {math}
                   {sci}
                   {sum}
                   {avg}
                );
}
GradeItem.propTypes = {
   name: PropTypes.string.isRequired,
   gender: PropTypes.string.isRequired,
```

```
kor : PropTypes.number,
eng : PropTypes.number,
sci : PropTypes.number,
math : PropTypes.number,
}

GradeItem.defaultProps = {
   kor: 0,
   eng: 0,
   sci: 0,
   math: 0
}

export default GradeItem;
```

실행결과





