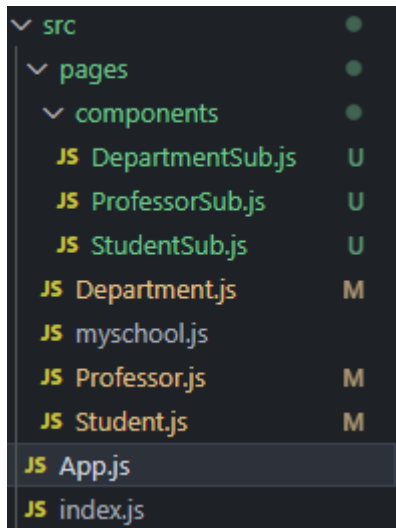# 박정모 React 연습문제5

> 2022-04-26

파일 구조

App.js

```javascript
import React from 'react';
import { Link, Routes, Route } from 'react-router-dom';
import Department from './pages/Department';
import Professor from './pages/Professor';
import Student from './pages/Student';

function App() {
  return (
    <div>
      <h1>Exam3</h1>
      <nav>
        <Link to='./department'>학과목록</Link> | 
        <Link to='./professor'>교수목록</Link> | 
        <Link to='./student'>학생목록</Link>
      </nav>
      <hr />

      <Routes>
        <Route path='/department' element={<Department />} />
        <Route path='/professor' element={<Professor />} />
        <Route path='/student' element={<Student />} />
      </Routes>

    </div>
  );
}
```

```javascript
export default App;
```

Department.js

```javascript
import React from "react";
import data from "./myschool";
import DepartmentSub from './components/DepartmentSub';

const Department = () => {
    const { department } = data;
    console.log(department);

    return (
        <div>
            <table border="1">
                <thead>
                    <tr>
                        <th>학과번호</th>
                        <th>학과이름</th>
                        <th>위치</th>
                    </tr>
                </thead>
                <tbody>
                    <DepartmentSub sub={data.department} />
                </tbody>
            </table>
        </div>
    );
};

export default Department;
```

DepartmentSub.js

```javascript
import React from "react";

const DepartmentSub = (props) => {
    return props.sub.map((v, i) => {
        return (
            <tr align="center">
                <td key={i}>{v.id}</td>
                <td key={i + "a"}>{v.dname}</td>
                <td key={i + "b"}>{v.loc}</td>
            </tr>
        );
    });
```
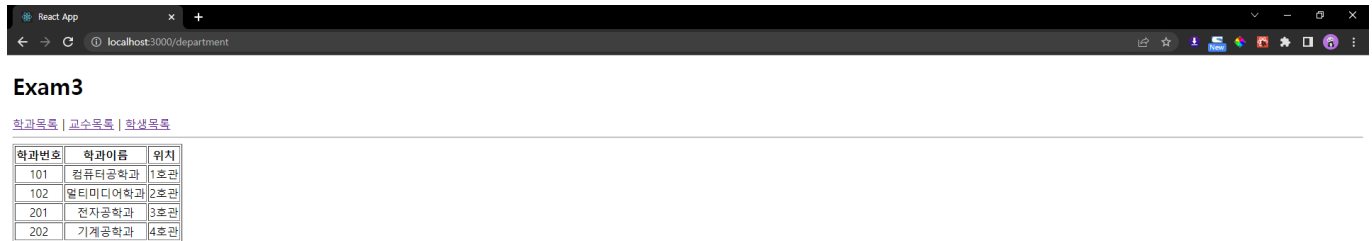
```
  };

  export default DepartmentSub;
```

학과목록 스크린샷

Professor.js

```javascript
import React from "react";
import data from "./myschool";
import ProfessorSub from './components/ProfessorSub';

const Professor = () => {
    return (
        <div>
            <table border="1">
                <thead>
                    <tr align="center">
                        <th>교수번호</th>
                        <th>교수이름</th>
                        <th>아이디</th>
                        <th>직급</th>
                        <th>급여</th>
                        <th>입사일</th>
                        <th>보직수당</th>
                        <th>소속학과번호</th>
                    </tr>
                </thead>
                <tbody>
                    <ProfessorSub sub={data.professor}/>
```

```
                </tbody>
            </table>
        </div>
    );
};

export default Professor;
```

ProfessorSub.js

```jsx
import React from "react";

const ProfessorSub = (props) => {
    return props.sub.map((v, i) => {
        return (
            <tr align="center">
                <td>{v.id}</td>
                <td>{v.name}</td>
                <td>{v.userid}</td>
                <td>{v.position}</td>
                <td>{v.sal}</td>
                <td>{v.hiredate.substring(0, 10)}</td>
                <td>{v.comm}</td>
                <td>{v.deptno}</td>
            </tr>
        );
    });
};

export default ProfessorSub;
```

교수목록 스크린샷

Exam3

학과목록 | 교수목록 | 학생목록

교수번호	교수이름	아이디	직급	급여	입사일	보직수당	소속학과번호
9901	김도훈	capool	교수	500	1982-06-11	20	101
9902	이재우	sweat413	조교수	320	1995-04-11		201
9903	성연희	pascal	조교수	360	1993-03-16	15	101
9904	염일웅	blue77	전임강사	240	1998-10-10		102
9905	권혁일	refresh	교수	450	1986-02-10	25	102
9906	이만식	pocari	부교수	420	1988-07-10		101
9907	전은지	totoro	전임강사	210	2001-05-10		101
9908	남은혁	bird13	부교수	400	1990-10-17	17	202

Student.js

```javascript
import React from "react";
import data from "./myschool";
import StudentSub from './components/StudentSub';

const Student = () => {
    const { student } = data;

    return (
        <div>
            <table border="1">
                <thead>
                    <tr>
                        <th>학생번호</th>
                        <th>학생이름</th>
                        <th>아이디</th>
                        <th>학년</th>
                        <th>주민번호</th>
                        <th>생년월일</th>
                        <th>연락처</th>
                        <th>키</th>
                        <th>몸무게</th>
                        <th>소속학과번호</th>
                        <th>담당교수번호</th>
                    </tr>
                </thead>
                <tbody>
                    <StudentSub sub={data.student}/>
                </tbody>
            </table>
        </div>
```

```
    );
};

export default Student;
```

StudentSub.js

```js
import React from "react";

const StudentSub = (props) => {
    return props.sub.map((v, i) => {
        return (
            <tr align="center">
                <td>{v.id}</td>
                <td>{v.name}</td>
                <td>{v.userid}</td>
                <td>{v.grade}</td>
                <td>{v.idnum.substring(0, 6) + "*******"}</td>
                <td>{v.birthdate.substring(0, 10)}</td>
                <td>{v.tel}</td>
                <td>{v.height}</td>
                <td>{v.weight}</td>
                <td>{v.deptno}</td>
                <td>{v.profno}</td>
            </tr>
        );
    });
};

export default StudentSub;
```

학생목록 스크린샷

22.04.26_박정모.md   2022. 4. 26.

Exam3

학과목록 | 교수목록 | 학생목록

학생번호	학생이름	아이디	학년	주민번호	생년월일	연락처	키	몸무게	소속학과번호	담당교수번호
10101	전인하	jun123	4	790702*******	1979-07-01	051)781-2158	176	72	101	9903
10102	박미경	ansel414	1	840516*******	1984-05-15	055)261-8947	168	52	101	
10103	김영균	mandu	3	810321*******	1981-03-20	051)824-9637	170	88	101	9906
10104	지은경	gomo00	2	800412*******	1980-04-11	055)418-9627	161	42	101	9907
10105	임유진	youjin12	2	830121*******	1983-01-20	02)312-9838	171	54	101	9907
10106	서재진	seolly	1	851129*******	1985-11-28	051)239-4861	186	72	101	
10107	이광훈	huriky	4	810913*******	1981-09-12	055)736-4981	175	92	101	9903
10108	류민정	cleansky	2	810819*******	1981-08-18	055)248-3679	162	72	101	9907
10201	김진영	simply	2	820606*******	1982-06-05	055)419-6328	164	48	102	9905
10202	오유석	yousuk	4	770912*******	1977-09-11	051)724-9618	177	92	102	9905
10203	하나리	hanal	1	850109*******	1985-01-08	055)296-3784	160	68	102	
10204	윤진욱	samba7	3	790402*******	1979-04-01	053)487-2698	171	70	102	9905
20101	이동훈	dals	1	831210*******	1983-12-09	055)426-1752	172	64	201	
20102	박동진	ping2	1	851124*******	1985-11-23	051)742-6384	182	70	201	
20103	김진경	lovely	2	830228*******	1983-02-27	052)175-3941	166	51	201	9902
20104	조명훈	rader214	1	841214*******	1984-12-13	02)785-6984	184	62	201	

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