

연습문제5

App

```
import React from "react";
import {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>Exam05</h1>
      <nav>
        <a href="/department">학과목록</a>&nbsp;|&nbsp;&nbsp;
        <a href="/professor">교수목록</a>&nbsp;|&nbsp;&nbsp;
        <a href="/student">학생목록</a>
      </nav>
      <hr/>
      <Routes>
        <Route path="/department" element={<Department/>} />
        <Route path="/professor" element={<Professor/>} />
        <Route path="/student" element={<Student/>} />
      </Routes>
    </div>
  );
}

export default App;
```

pages > Department

```
import React from "react";

import DepartmentSub from "../components/DepartmentSub";
import data from "../mySchool";

const Department = () => {
  return(
    <table border="1">
      <thead>
        <tr align="Center">
          <th>학과번호</th>
          <th>학과이름</th>
          <th>위치</th>
        </tr>
      </thead>
```

```

        <tbody>
        {
          data.department.map((v, i) => {
            return(
              <DepartmentSub id={v.id} dname={v.dname} loc={v.loc}
            />
            )
          })
        }
      </tbody>
    </table>
  )
}

export default Department;

```

pages > Professor

```

import React from "react";

import ProfessorSub from "../components/ProfessorSub";
import data from "../mySchool";

const Professor = () => {
  return(
    <table border="1">
      <thead align="center">
        <tr>
          <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>
        {
          data.professor.map((v, i) => {
            return (
              <ProfessorSub id={v.id} name={v.name} userid=
{v.userid} position={v.position} sal={v.sal} hiredate={v.hiredate} comm={v.comm}
deptno={v.deptno}/>
            )
          })
        }
      </tbody>
    </table>
  )
}

```

```
}

export default Professor;
```

pages > Student

```
import React from "react";

import ProfessorSub from "../components/ProfessorSub";
import data from "../mySchool";

const Professor = () => {
  return(
    <table border="1">
      <thead align="center">
        <tr>
          <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>
        {
          data.professor.map((v, i) => {
            return (
              <ProfessorSub id={v.id} name={v.name} userid=
{v.userid} position={v.position} sal={v.sal} hiredate={v.hiredate} comm={v.comm}
deptno={v.deptno}/>
            )
          })
        }
      </tbody>
    </table>
  )
}

export default Professor;
```

components > DepartmentSub

```
import React from "react";

const DepartmentSub = ({id, dname, loc}) => {
  return(
```

```

        <tr>
          <td >{id}</td>
          <td >{dname}</td>
          <td >{loc}</td>
        </tr>
      )
    }
    export default DepartmentSub

```

components > ProfessorSub

```

import React from "react";

const ProfessorSub = ({id, name, userid, position, sal, hiredate, comm, deptno})
=> {
  return(
    <tr>
      <td>
        {id}
      </td>
      <td>
        {name}
      </td>
      <td>
        {userid}
      </td>
      <td>
        {position}
      </td>
      <td>
        {sal}
      </td>
      <td>
        {hiredate.substring(0,10)}
      </td>
      <td>
        {comm}
      </td>
      <td>
        {deptno}
      </td>
    </tr>
  )
}
export default ProfessorSub;

```

Components > StudentSub

```
import React from "react";

const StudentSub = ({id, name, userid, grade, idnum, birthdate, tel, height,
weight, deptno, profno}) => {
  return(
    <tr>
      <td>
        {id}
      </td>
      <td>
        {name}
      </td>
      <td>
        {userid}
      </td>
      <td>
        {grade}
      </td>
      <td>
        {idnum.substring(0,6) + "-" + idnum.substring(6,7) + "*****"}
      </td>
      <td>
        {birthdate.substring(0,10)}
      </td>
      <td>
        {tel}
      </td>
      <td>
        {height}
      </td>
      <td>
        {weight}
      </td>
      <td>
        {deptno}
      </td>
      <td>
        {profno}
      </td>
    </tr>
  )
}
export default StudentSub
```

결과

← → ↻ ⓘ localhost:3000/department

Exam05

[학과목록](#) | [교수목록](#) | [학생목록](#)

학과번호	학과이름	위치
101	컴퓨터공학과	1호관
102	멀티미디어학과	2호관
201	전자공학과	3호관
202	기계공학과	4호관

← → ↻ ⓘ localhost:3000/professor

Exam05

[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

Exam05

[학과목록](#) | [교수목록](#) | [학생목록](#)

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