

신승윤 연습문제 5

App.js

```
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>Exam05</h1>
      <nav>
        <Link to="/department">학과목록</Link>&nbsp;|&nbsp;
        <Link to="/professor">교수목록</Link>&nbsp;|&nbsp;
        <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>
  );
}
export default App;
```

Index.js

```
import React from "react";
import ReactDOM from "react-dom/client";
import { BrowserRouter } from "react-router-dom";
import App from "../App";
const root = ReactDOM.createRoot(document.getElementById("root"));
root.render(
  <React.StrictMode>
    <BrowserRouter>
      <App />
    </BrowserRouter>
  </React.StrictMode>
);
```

Department.js

```
import React from "react";
import DepartmentSub from "../components/DepartmentSub";
import myschool from "../myschool";
const Department = () => {
  const { department } = myschool;
  return (
    <div>
      <table border="1">
        <thead>
          <tr>
            <th>학과번호</th>
            <th>학과이름</th>
            <th>위치</th>
          </tr>
        </thead>
        <tbody>
          {department.map((v, i) => {
            return (
              <DepartmentSub key={i} id={v.id} dname={v.dname} loc={v.loc} />
            );
          })}
        </tbody>
      </table>
    </div>
  );
};
export default Department;
```

DepartmentSub.js

```
import React from "react";
const DepartmentSub = ({ id, dname, loc }) => {
  return (
    <tr>
      <td>{id}</td>
      <td>{dname}</td>
      <td>{loc}</td>
    </tr>
  );
};
export default DepartmentSub;
```

Professor.js

```

import React from "react";
import ProfessorSub from "../components/ProfessorSub";
import myschool from "../myschool";
const Professor = () => {
  const { professor } = myschool;
  return (
    <div>
      <table border="1">
        <thead>
          <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>
          {professor.map((v, i) => {
            return (
              <ProfessorSub
                key={i}
                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>
    </div>
  );
};
export default Professor;

```

ProfessorSub.js

```

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;

```

Student.js

```

import React from "react";
import StudentSub from "../components/StudentSub";
import myschool from "../myschool";
const Student = () => {
  const { student } = myschool;
  return (
    <div>
      <table border="1">
        <thead>
          <tr>
            <th>학생번호</th>
            <th>학생이름</th>
            <th>학년</th>
            <th>아이디</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>
          {student.map((v, i) => {
            return (
              <StudentSub
                key={i}

```

```

        id={v.id}
        name={v.name}
        userid={v.userid}
        grade={v.grade}
        idnum={v.idnum}
        birthdate={v.birthdate}
        tel={v.tel}
        height={v.height}
        weight={v.weight}
        deptno={v.deptno}
        profno={v.profno}
      />
    );
  })}
</tbody>
</table>
</div>
);
};
export default Student;

```

StudentSub.js

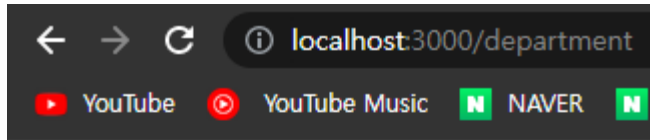
```

import React from "react";
const Student = ({
  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>
  );
};

```

```
    </tr>
  );
};
export default Student;
```

Department 실행결과

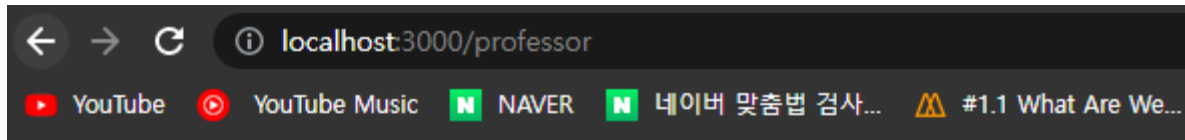


Exam05

[학과목록](#) | [교수목록](#) | [학생목록](#)

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

Professor 실행결과

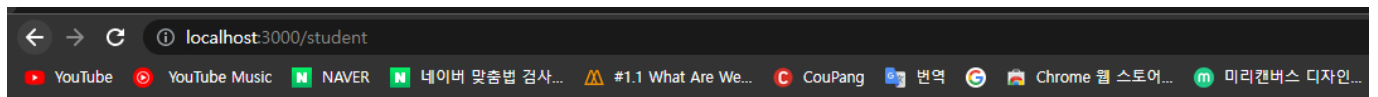


Exam05

[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

Student 실행결과



Exam05

[학과목록](#) | [교수목록](#) | [학생목록](#)

학생번호	학생이름	학년	아이디	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	