

방미소 Ajax 과제

2022-04-04

문제 1

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    #loading {
      width: 100px;
      height: 100px;
      background-image: url(img/loading.gif);
      background-size: cover;
      background-repeat: no-repeat;
      background-position: center center;
      position: absolute;
      left: 50%;
      top: 50%;
      margin-left: -50px;
      margin-top: -50px;
      z-index: 99999;
      display: none;
    }

    #loading.active {
      display: block;
    }

    dt {
      font-weight: bold;
      margin: 10px 0px;
      font-size: 20px;
    }

    dt:before {
      content: '©';
      padding-right: 5px;
    }

    dd {
      font-weight: normal;
      margin-bottom: 30px;
      border-left: 5px #d5d5d5 solid;
      padding-left: 15px;
```

```
    font-size: 16px;
  }

  #dept-item {
    display: none;
  }
</style>
</head>
<body>
  <div id="loading"></div>
  <h1>Dept List</h1>

  <button id="btn" type="button">데이터 가져오기</button>

  <hr>

  <table>
    <thead>
      <tr>
        <th>학과번호</th>
        <th>학과명</th>
        <th>학과위치</th>
      </tr>
    </thead>
    <tbody id="list-body"></tbody>
  </table>

  <script src="https://cdn.jsdelivr.net/npm/axios/dist/axios.min.js"></script>
  <script>
    document.querySelector('#btn').addEventListener('click', e => {

      const loading = document.querySelector('#loading');
      loading.classList.add('active');

      axios
        .get('http://localhost:3000/department')
        .then((res) => {
          const json = res.data
          console.log(res.data)
          const listBody = document.querySelector('#list-body');

          json.map(v => {
            const {id, dname, loc} = v;
            console.log(id);
            const tr = document.createElement('tr');
            const td1 = document.createElement('td');
            td1.innerHTML = id;

            const td2 = document.createElement('td');
            td2.innerHTML = dname;

            const td3 = document.createElement('td');
            td3.innerHTML = loc;
```

```

        tr.appendChild(td1);
        tr.appendChild(td2);
        tr.appendChild(td3);
        listBody.appendChild(tr);
    })
})
.catch(e => {
    console.log(e);
    alert(e.msg);
})
.finally (() => {
    loading.classList.remove('active');
})
});
</script>
</body>
</html>

```

Dept List

데이터 가져오기

| 학과번호 | 학과명 | 학과위치 |
|------|---------|------|
| 101 | 컴퓨터공학과 | 1호관 |
| 102 | 멀티미디어학과 | 2호관 |
| 201 | 전자공학과 | 3호관 |
| 202 | 기계공학과 | 4호관 |
| 101 | 컴퓨터공학과 | 1호관 |
| 102 | 멀티미디어학과 | 2호관 |
| 201 | 전자공학과 | 3호관 |
| 202 | 기계공학과 | 4호관 |

문제2

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>

```

```
#loading {
  width: 100px;
  height: 100px;
  background-image: url(img/loading.gif);
  background-size: cover;
  background-repeat: no-repeat;
  background-position: center center;
  position: absolute;
  left: 50%;
  top: 50%;
  margin-left: -50px;
  margin-top: -50px;
  z-index: 99999;
  display: none;
}

#loading.active {
  display: block;
}

dt {
  font-weight: bold;
  margin: 10px 0px;
  font-size: 20px;
}

dt:before {
  content: '◎';
  padding-right: 5px;
}

dd {
  font-weight: normal;
  margin-bottom: 30px;
  border-left: 5px #d5d5d5 solid;
  padding-left: 15px;
  font-size: 16px;
}

#dept-item {
  display: none;
}

</style>
</head>
<body>
<div id="loading"></div>
<h1>Dept List</h1>

<button id="btn" type="button">데이터 가져오기</button>

<hr>

<table>
  <thead>
```

```
<tr>
  <th>학과번호</th>
  <th>학과명</th>
  <th>학과위치</th>
</tr>
</thead>
<tbody id="list-body"></tbody>
</table>

<script src="https://cdn.jsdelivr.net/npm/axios/dist/axios.min.js"></script>
<script>
  document.querySelector('#btn').addEventListener('click', async (e) => {
    const loading = document.querySelector('#loading');
    const listBody = document.querySelector('#list-body');
    loading.classList.add('active');

    let json = null;

    try {
      json = await axios.get(`http://localhost:3000/department/`)
      // console.log(json)
    } catch (e) {
      console.error(e);
      console.error(e.response.status);
      console.error(e.response.statusText);
      console.error(e.response.data);
      alert(error.response.statusText);
    } finally {
      loading.classList.remove('active');
    }
  }

  if (json != null) {
    // console.log(json.data)
    json.data.map(v => {
      const {id, dname, loc} = v;

      const tr = document.createElement('tr');
      const td1 = document.createElement('td');
      td1.innerHTML = id;

      const td2 = document.createElement('td');
      td2.innerHTML = dname;

      const td3 = document.createElement('td');
      td3.innerHTML = loc;

      tr.appendChild(td1);
      tr.appendChild(td2);
      tr.appendChild(td3);
      listBody.appendChild(tr);
    })

    const {id, dname, loc} = json.data;
```

```
    }  
  });  
</script>  
</body>  
</html>
```

Dept List

데이터 가져오기

| 학과번호 | 학과명 | 학과위치 |
|------|---------|------|
| 101 | 컴퓨터공학과 | 1호관 |
| 102 | 멀티미디어학과 | 2호관 |
| 201 | 전자공학과 | 3호관 |
| 202 | 기계공학과 | 4호관 |
| 101 | 컴퓨터공학과 | 1호관 |
| 102 | 멀티미디어학과 | 2호관 |
| 201 | 전자공학과 | 3호관 |
| 202 | 기계공학과 | 4호관 |