왕혜수 연습문제

> 2022-04-04

문제1

```html
<!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;
        display: block;
        position: absolute;
        left: 50%;
        top: 50%;
        margin-left: -50px;
        margin-top: -50px;
        z-index: 999999;
        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;
```

```html
      border-left: 5px #d5d5d5 solid;
      padding-left: 15px;
      font-size: 16px;
    }
  </style>
</head>
<body>
  <div id="loading"></div>
  <h1>ex1</h1>

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

  <hr />

  <table border="1">
    <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) => {
      //로딩바 표시하기
      const loading = document.querySelector('#loading');
      loading.classList.add('active');

      //Ajax응답 결과를 저장할 JSON
      let json = null;

      //HTTP의 4대 접속 방식 GET,POST,PUT,DELETE가 각각 함수로 존재.
      axios
        .get(`http://localhost:3000/department/`)
        //.then((response)=>{
        .then(({ data }) => {
          //console.log(response);
          //이값이 백엔드에서 읽어온 내용
          console.log(data);

          const listBody = document.querySelector('#list-body');

          data.map((v, i) => {
            const tr = document.createElement('tr');

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

            const td2 = document.createElement('td');
```

```
                td2.innerHTML = v.dname;

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

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

                listBody.appendChild(tr);
              });
            })
            .catch((error) => {
              console.error(error);
              console.error(error.response.status);
              console.error(error.response.statusText);
              console.error(error.response.data);
              alert(error.response.statusText);
            })
            .finally(() => {
              //성공,실패 여부에 상관 없이 마지막에 실행되는 함수
              loading.classList.remove('active');
            });
        });
    </script>
  </body>
</html>
```

ex1

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;
        display: block;
        position: absolute;
```

```html
          left: 50%;
          top: 50%;
          margin-left: -50px;
          margin-top: -50px;
          z-index: 999999;
          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;
        }
    </style>
  </head>
  <body>
    <div id="loading"></div>
    <h1>ex1</h1>

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

    <hr />

    <table border="1">
      <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>
```

```javascript
        document.querySelector('#btn').addEventListener('click', async (e)
=> {
        //로딩바 표시하기
        const loading = document.querySelector('#loading');
        loading.classList.add('active');

        //Ajax응답 결과를 저장할 JSON
        let json = null;

        //HTTP의 4대 접속 방식 GET,POST,PUT,DELETE가 각각 함수로 존재.
        try {
          json = await axios.get(`http://localhost:3000/department/`);
          console.log(json);
        } catch (e) {
          console.error(error);
          console.error(error.response.status);
          console.error(error.response.statusText);
          console.error(error.response.data);
          alert(error.response.statusText);
        } finally {
          loading.classList.remove('active');
        }
        if (json != null) {
          console.log(json.data);

          const listBody = document.querySelector('#list-body');

          json.data.map((v, i) => {
            const tr = document.createElement('tr');

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

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

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

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

            listBody.appendChild(tr);
          });
        }
      });
    </script>
  </body>
</html>
```

ex2