231115

자바스프링

```javascript
const main = document.querySelector("#main");
const qna = document.querySelector("#qna");
const result = document.querySelector("#result");

const endPoint = 12;
const select = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0];

// 처음으로 누르면 1번문제로 돌아가도록 코딩해보기
function reset() {
    result.style.animation = "fadeOut 1s";
    result.style.webkitAnimation = "fadeOut 1s";

    setTimeout(() => {
        qna.style.animation = "fadeIn 1s";
        qna.style.webkitAnimation = "fadeIn 1s";
        setTimeout(() => {
            main.style.display = "none"; //main은 없어지고
            result.style.display = "none"; //result 없어지고
            qna.style.display = "block"; //qna 나와라
        }, 450) //딜레이 시간
        let qIndex = 0;
        goNext(qIndex);
    }, 450);
}

function calResult() {
    console.log(select);
    var result = select.indexOf(Math.max(...select));
    // 값으로 받은 것 중에 최고값을 받는다.
    //...는 포개서한번에 다 받는다
    return result;
}
function setResult() {
    let point = calResult();
    const resultName = document.querySelector(".resultName");
    resultName.innerHTML = infoList[point].name;
    //0~11번까지 answerList의 주소값에 해당하는 애가 point

    var resultImage = document.createElement('img');
    const imgDiv = document.querySelector('#resultImage');
    //URL에서 끌어 올 파일이 놓다
    var imgURL = "img/image-" + point + ".png";
    resultImage.src = imgURL;
    resultImage.alt = point;
    resultImage.classList.add('img-fluid');
    imgDiv.appendChild(resultImage);

    const resultDesc = document.querySelector('#resultDesc');
    resultDesc.innerHTML = infoList[point].desc;
}
function goResult() {
    qna.style.animation = "fadeOut 1s"; // qna 화면 없애고
    qna.style.webkitAnimation = "fadeOut 1s"; // result 화면 보여준다
    setTimeout(() => {
        result.style.animation = "fadeIn 1s";
        result.style.webkitAnimation = "fadeIn 1s";
        setTimeout(() => {
            qna.style.display = "none";
            result.style.display = "block";
        }, 450)
    });
    setResult();
}

function addAnswer(answerText, qIndex) {
    var a = document.querySelector('.answerBox');
    var answer = document.createElement('button');
    //answer를 button 형태로 클릭하게 할 거라서 만들어준다
    answer.classList.add('answerList');
    answer.classList.add('my-3');
    answer.classList.add('py-3');
    answer.classList.add('mx-auto');
    answer.classList.add('fadeIn');

    a.appendChild(answer);     // 변수 a. 자식은 answer로 받을 거다
    answer.innerHTML = answerText;

    answer.addEventListener("click", function () {
        // createElement 때문에 addEventListener가 붙어야 한다 (?)
        var children = document.querySelectorAll('.answerList');
        // 3개 모두 받아야하기때문에 selectorAll
        for (let i = 0; i < children.length; i++) {
            children[i].disabled = true;
            children[i].style.webkitAnimationAnimation = "fadeOut 0.5s";
            children[i].style.animation = "fadeOut 0.5s";
        }
        setTimeout(() => {
            for (let i = 0; i < children.length; i++) {
                children[i].style.display = "none";
            }
            goNext(++qIndex)
        }, 450)
    }, false); //부정어되면 작업하지 말아라
}
function goNext(qIndex) { //goNext가 qIndex(문제번호)로 들어간다
    if (qIndex === endPoint) {
        goResult();
        return;
    }
    var q = document.querySelector('.qBox') // q에대한 변수는 qbox에 놓여있는 애로 지정
    q.innerHTML = qnaList[qIndex].q; //q내용을 html로 뿌릴거다
    for (let i in qnaList[qIndex].a) {
        addAnswer(qnaList[qIndex].a[i].answer, qIndex);
    }
    var status = document.querySelector('.statusBar');
    status.style.width = (100 / endPoint) * (qIndex + 1) + '%';
    // status 스타일 너비는 100/endpoint로올거다
}

function begin() {
    main.style.animation = "fadeOut 1s";
    main.style.webkitAnimation = "fadeOut 1s";
    setTimeout(() => {
        qna.style.animation = "fadeIn 1s";
        qna.style.webkitAnimation = "fadeIn 1s";
        setTimeout(() => {
            main.style.display = "none"; //main은 없어지고
            qna.style.display = "block"; //qna 나와라
        }, 450) //딜레이 시간
        let qIndex = 0;
        goNext(qIndex);
    }, 450);
}
```

```html
<!doctype html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title> </title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-9ndCyUaIbzAi2FUVXJi0CjmCapSmO7SnpJef0486qhLnuZ2cdeRhO02iuK6FUUVM" crossorigin="anonymous">

    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Hi+Melody&display=swap" rel="stylesheet">

    <link rel="stylesheet" href="/css/default.css">
    <link rel="stylesheet" href="/css/main.css">
    <link rel="stylesheet" href="/css/animation.css">
    <link rel="stylesheet" href="/css/qna.css">
    <link rel="stylesheet" href="/css/result.css">
</head>
<body>
    <div class="container">
        <section id="main" class="mx-auto my-5 px-3">
            <h1>십페이지 연애유형</h1>
            <div class="col-lg-6 col-md-8 col-sm-10 col-12 mx-auto my-auto">
                <img src="/img/main.png" class="img-fluid" alt="mainImage" align="center" >
            </div>
            <p>나만의 mbti 사야오합니다) <br>
                아래 시작버튼을 누르세요.
            </p>
            <button type="button" class="btn btn-danger mt-1 my-3" onclick="js.begin()">시작하기</button>
        </section>
        <section id="qna">
            <div class="status mx-auto mt-3">
                <div class="statusBar"> </div>
            </div>
            <div class="qBox mx-auto my-5 py-3"> </div>
            <div class="answerBox"> </div>
        </section>
        <section id="result" class="mx-auto my-5 px-3">
            <h1>당신의 결과는 </h1>
            <div class="resultName">
            </div>
            <div id="resultImage" class="my-3 col-lg-6 col-md-8 col-sm-10 col-12 mx-auto">
            <div id="resultDesc"></div>
            <button type="button" class="btn btn-outline-success mt-3" onclick="js.reset()"> 처음으로</button>
            </div>
        </section>
        <script src="/js/data.js" charset="utf-8"></script>
        <script src="/js/start.js" charset="utf-8"></script>
    </div>
</body>
</html>
```

반응형웹 만들 때, body 내용을 container로 class지정하는 것이 중요하다

DIV 안에 컬럼으로 클래스