장윤신 - collapse 연습문제

> 2022-09-13

문제 1

```html
<!DOCTYPE html>
<html lang="ko">
  <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>
      .collapsible-title {
        background-color: #777;
        color: white;
        cursor: pointer;
        padding: 18px;
        width: 100%;
        border: none;
        font-weight: normal;
        margin: 0;
        text-align: left;
        outline: none;
        font-size: 15px;
      }

      .active,
      .collapsible-title:hover {
        background-color: #555;
      }

      .content {
        padding: 0 18px;
        max-height: 0;
        overflow: hidden;
        transition: max-height 0.2s ease-out;
        background-color: #f1f1f1;
      }
    </style>
  </head>
  <body>
    <h2>Animated Collapsibles</h2>
    <p>A Collapsible:</p>
    <div class="collapse">
      <h1 class="collapsible-title">Open Collapsible</h1>
      <div class="content">
```

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      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
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    </div>
  </div>

  <script>
    document.querySelectorAll(".collapsible-title").forEach((v, i) => {
      v.addEventListener("click", (e) => {
        // (1) 모든 .content의 maxHeight를 null 변경하여 닫기
        document.querySelectorAll(".content").forEach((v) => {
          v.style.maxHeight = null;
        });
```

```
          // 클릭된 자기 자신
          const current = e.currentTarget;
          // 스스로에게 active클래스에 대한 적용 여부 변경
          current.classList.toggle("active");

          // (2) 클릭된 자기 자신을 제외한 모든 제목에서 ".active" 클래스 제거
          document.querySelectorAll(".collapsible-title").forEach((v, i) => {
            v.classList.remove("active");
          });

          // 스스로에게 active클래스에 대한 적용 여부 변경
          current.classList.add("active");
          // 클릭된 자신의 상위 요소인 <div class='collapse'>
          const parent = current.closest(".collapse");
          // 제어할 대상을 탐색
          const content = parent.querySelector(".content");

          // (3) 클릭한 제목에 ".active" 클래스가 적용되어 있지 않다면?
          if (!current.classList.contains("active")) {
            content.style.maxHeight = null;
          } else {
            content.style.maxHeight = content.scrollHeight + "px";
          }
        });
      });
    </script>
  </body>
</html>
```

Animated Collapsibles

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