

연습문제 홍승택

문제1

```
<!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">
        <p>
          Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed
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    </div>

    <script>
      console.log("시작");
      document.querySelectorAll('.collapsible-title').forEach((v,i) => {
        v.addEventListener('click', e => {
          // 1 모든 .content의 maxHeight를 null로 변경하여 닫기
          document.querySelectorAll('.collapse').forEach((v2,i2) => {
            v2.querySelector('.content').style.maxHeight = null;
          });
          // 클릭된 자기 자신
          const current = e.currentTarget;
          // 스스로에게 active클래스에 대한 적용 여부 변경
          current.classList.toggle('active');

          // 2 현재 타겟 제외 모두 active 제거
          const currentIndex = i;
          document.querySelectorAll('.collapsible-
title').forEach((v1,i1) => {
            if(currentIndex !== i1){
              v1.classList.remove('active');
            }
          });
          // 클릭된 자신의 상위 요소인 <div class = 'collapse'>
          const parent = current.closest('.collapse');

          // 제어할 대상 탐색
          const content = parent.querySelector('.content');

          // content에 active 속성이 없다면 (혹은 0이 아니라면)
          if (!v.classList.contains('active')) {
            content.style.maxHeight = null;
            console.log("active삭제");
            //content.style.maxHeight = content.scrollHeight + "px";
          } else {
            content.style.maxHeight = content.scrollHeight + "px";
            console.log("active생성");
          }
        })
      })
    </script>
  </body>
</html>

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실행결과

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