

박찬우 함수 연습문제

2022-03-23

문제 1

풀이

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>연습문제 1</title>
  <style>
    .timer {
      font-size: 40px;
    }
  </style>
</head>
<body>
  <div id="timer" class="timer"></div>

  <script>
    function getTime() {
      const date = new Date();
      const yyyy = date.getFullYear();

      let mm = date.getMonth()+1;
      mm = mm < 10 ? `0${mm}` : mm;

      let dd = date.getDate();
      dd = dd < 10 ? `0${dd}` : dd;

      let hh = date.getHours();
      hh = hh < 10 ? `0${hh}` : hh;

      let mi = date.getMinutes();
      mi = mi < 10 ? `0${mi}` : mi;

      let ss = date.getSeconds();
      ss = ss < 10 ? `0${ss}` : ss;

      document.querySelector("#timer").innerHTML = `${yyyy}-${mm}-${dd}
      ${hh}:${mi}:${ss}`;
    }

    setInterval(getTime, 1000)

  </script>
```

```
</body>
</html>
```

문제 2

풀이

```
<!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>연습문제 2</title>
  <style>
    .btn1 {
      width: 150px;
      height: 50px;
      border: 1px solid #000;
      text-align: center;
      font-size: 20px;
      color: blue;
      background: gainsboro;
    }

    .btn2 {
      width: 150px;
      height: 50px;
      border: 1px solid #000;
      text-align: center;
      font-size: 20px;
      color: red;
      background: yellow;
    }
  </style>
</head>
<body>
  <input type="button" id="btn" class="btn1" value="푸시알림 수신">

  <script>

    document.querySelector("#btn").addEventListener("click", e => {
      const btn2 = document.getElementById("btn");
      btn2.classList.toggle("btn2");
      btn2.classList.toggle("btn1");
    });

  </script>
</body>
</html>
```

문제 3

풀이

```
<!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>연습문제 3</title>
</head>
<body>
  

  <script>
    const img = ["./img/HTML.png", "./img/css3.png", "./img/js.png"];

    let i = 0
    setInterval(() => {
      document.querySelector("#img").setAttribute("src", img[i]);
      i++;
      if(i >= img.length) {
        i = 0;
      }
      // i = (i + 1) % img.length;
    }, 3000)

    // 왜 for문은 안되는지?
    // setInterval(() => {
    //   for(let i = 0; i < imgList.length; i++) {
    //     document.querySelector("#img").setAttribute("src", imgList[i]);
    //     if(i >= imgList.length) {
    //       i = 0;
    //     }
    //   }
    // }, 1000)

  </script>
</body>
</html>
```

문제 4

풀이

```
<!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>연습문제 4</title>
</head>
<body>
  <div><span id="date1"></span> ~ <span id="date2"></span></div>

  <input type="button" id="btn1" value="1일">
  <input type="button" id="btn2" value="7일">
  <input type="button" id="btn3" value="15일">
  <input type="button" id="btn4" value="30일">
  <input type="button" id="btn5" value="60일">

  <script>

    function getTime(day) {
      const date1 = new Date();
      date1.setDate(date1.getDate() - (day));
      const yyyy = date1.getFullYear();
      let mm = date1.getMonth()+1;
      let dd = date1.getDate();

      const date2 = new Date();
      const yyyy2 = date2.getFullYear();
      let mm2 = date2.getMonth()+1;
      let dd2 = date2.getDate();

      document.querySelector("#date1").innerHTML = `${yyyy}-${mm}-${dd}`;
      document.querySelector("#date2").innerHTML =
`${yyyy2}-${mm2}-${dd2}`;

    }
    getTime(0);

    document.querySelector("#btn1").addEventListener("click", e =>
getTime(1))
    document.querySelector("#btn2").addEventListener("click", e =>
getTime(7))
    document.querySelector("#btn3").addEventListener("click", e =>
getTime(15))
    document.querySelector("#btn4").addEventListener("click", e =>
getTime(30))
    document.querySelector("#btn5").addEventListener("click", e =>
getTime(60))

  </script>
</body>
</html>
```

