

# 왕혜수 연습문제

2022-03-23

## 문제1

```
<!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" />
  </head>
  <body>
    <h1 id="text"></h1>
    <script>
      function getNow() {
        const text = document.querySelector('#text');
        const now = new Date();
        const year = now.getFullYear();
        const month = now.getMonth() + 1;
        const date = now.getDate();
        const hour = now.getHours();
        const minute = now.getMinutes();
        const second = now.getSeconds();

        text.innerHTML = `${year} : ${month < 10 ? `0${month}` : month} :
${
  date < 10 ? `0${date}` : date
} : ${hour < 10 ? `0${hour}` : hour} : ${
  minute < 10 ? `0${minute}` : minute
} : ${second < 10 ? `0${second}` : second}`;
      }
      setInterval(getNow, 1000);
    </script>
  </body>
</html>
```

![1](./Screenshot 2022-03-23 at 20.16.59.png)

## 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 type="text/css">
  .box1 {
    height: 50px;
    width: 200px;
    border: 5px solid #000;
    padding: 30px;
    text-align: center;
    display: flex;
    align-items: center;
    color: blue;
    background-color: lightgray;
  }
  .box2 {
    height: 50px;
    width: 200px;
    border: 5px solid #000;
    padding: 30px;
    text-align: center;
    display: flex;
    align-items: center;
    color: red;
    background-color: yellow;
  }
</style>
</head>
<body>
  <div id="box" class="box1">
    <h1>푸시알림 수신</h1>
  </div>
  <script>
    document.querySelector('#box').addEventListener('click', (e) => {
      const box = document.getElementById('box');
      if (box.getAttribute('class') == 'box1') {
        box.classList.add('box2');
        box.classList.remove('box1');
      } else {
        box.classList.add('box1');
        box.classList.remove('box2');
      }
    });
  </script>
</body>
</html>
```

![2]('./Screenshot 2022-03-23 at 20.37.28.png') ![2]('./Screenshot 2022-03-23 at 20.37.37.png')

### 문제3

```
<!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>
  </head>
  <body>
    
    <script>
      const getImgNum = () => {
        const img = document.querySelector('img');
        const src = img.getAttribute('src');
        const num = src[10];
        console.log(num);
        return num;
      };
      const changePhoto = () => {
        const imgNum = getImgNum();
        const img = document.querySelector('img');
        const src = img.getAttribute('src');
        switch (imgNum) {
          case '1':
            img.removeAttribute('src');
            img.setAttribute('src', './img/img02.jpg');
            break;
          case '2':
            img.removeAttribute('src');
            img.setAttribute('src', './img/img03.jpg');
            break;
          case '3':
            img.removeAttribute('src');
            img.setAttribute('src', './img/img01.jpg');
            break;
        }
      };
      setInterval(changePhoto, 3000);
    </script>
  </body>
</html>
```

![3](./Screenshot 2022-03-23 at 23.04.31.png) ![3](./Screenshot 2022-03-23 at 23.04.41.png) ![3](./Screenshot 2022-03-23 at 23.04.45.png)

## 문제4

```
<!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>
</head>
<body>
  <h1><span id="s_date"></span>~<span id="e_date"></span></h1>
  <input type="button" value="1일" id="1" /><input
    type="button"
    value="7일"
    id="7"
  /><input type="button" value="15일" id="15" /><input
    type="button"
    value="30일"
    id="30"
  /><input type="button" value="60일" id="60" />

  <script type="text/javascript">
    function setTerm(days) {
      let today = new Date();
      let start_date = new Date();

      start_date.setDate(start_date.getDate() - (days - 1));

      document.getElementById('s_date').innerHTML =
        start_date.getFullYear() +
        '-' +
        (start_date.getMonth() + 1) +
        '-' +
        start_date.getDate();
      document.getElementById('e_date').innerHTML =
        today.getFullYear() +
        '-' +
        (today.getMonth() + 1) +
        '-' +
        today.getDate();
    }
    setTerm(1);

    document.querySelectorAll('input').forEach((v, i) => {
      v.addEventListener('click', (e) => {
        let days = e.currentTarget.getAttribute('id');
        console.log(days);
        setTerm(parseInt(days));
      });
    });
  </script>
</body>
```

```
</html>
```

