

## javascript 슬라이드 애니메이션2

### HTML :

```
<div id="slideShow">
  <ul class="slides">
    <li> </li>
    <li> </li>
    <li> </li>
    <li> </li>
    <li> </li>
    <li> </li>
  </ul>
  <p class="controller">
    <span class="prev">&lang;</span>
    <span class="next">&rang;</span>
  </p>
  <div style="text-align: center">
    <span class="dot" onclick="currentSlide(0)"> </span>
    <span class="dot" onclick="currentSlide(1)"> </span>
    <span class="dot" onclick="currentSlide(2)"> </span>
    <span class="dot" onclick="currentSlide(3)"> </span>
    <span class="dot" onclick="currentSlide(4)"> </span>
    <span class="dot" onclick="currentSlide(5)"> </span>
  </div>
</div>
```

**CSS :** style.css

@charset "UTF-8";

```
* {
    margin: 0;
    padding: 0;
}
ul {
    list-style: none;
}
#slideShow {
    width: 1000px;
    height: 300px;
    position: relative;
    margin: 50px auto;
    overflow: hidden;
}
.slides {
    position: absolute;
    left: 0;
    top: 0;
    transition: 0.5s ease-out;
}
.slides img {
    width: 1000px;
}
.slides li:not(:last-child) {
    float: left;
}
.controller span {
    position: absolute;
    color: #fff;;
    text-align: center;
    border-radius: 50%;
    padding: 10px 20px;
    top: 50%;
    font-size: 1.3em;
    cursor: pointer;
}
.prev {
    left: 10px;
}
.prev:hover {
```

```
        transform: translateX(-10px);
    }
    .next {
        right: 10px;
    }
    .next:hover {
        transform: translateX(10px);
    }
    .page {
        position: absolute;
        width: 100%;
        bottom: 0;
        text-align: center;
    }
    .dot {
        display: inline-block;
        cursor: pointer;
        height: 15px;
        width: 15px;
        margin: 0 2px;
        background-color: #bbb;
        border-radius: 50%;
        transition: background-color 0.6s ease;
    }
    .active,
    .dot:hover {
        background-color: #717171;
    }
}
```

javascript

```
<script>
    let slides = document.querySelector(".slides");
    let slidelmg = document.querySelectorAll(".slides li");
    let dots = document.getElementsByClassName("dot");
    currentIdx = 0;
    slideCount = slidelmg.length;
    dots[0].className += " active";
    prev = document.querySelector(".prev"); //이전 버튼
    next = document.querySelector(".next"); //다음 버튼
    slideWidth = 1000; //슬라이드이미지 넓이
    makeClone(); // 처음이미지와 마지막 이미지 복사 함수
    initfunction(); //슬라이드 넓이와 위치값 초기화 함수
    function makeClone() {
        let cloneSlide_first = slidelmg[0].cloneNode(true);
        let cloneSlide_last = slides.lastElementChild.cloneNode(true);
        slides.append(cloneSlide_first);
        slides.insertBefore(cloneSlide_last, slides.firstElementChild);
    }
    function initfunction() {
        slides.style.width = slideWidth * (slideCount + 2) + "px";
        slides.style.left = -slideWidth + "px";
    }
    function currentSlide(n) {
        showSlide((currentIdx = n));
        console.log(currentIdx);
    }
    function showSlide(n) {
        for (i = 0; i < slidelmg.length; i++) {
            dots[i].className = dots[i].className.replace(" active", "");
        }
        dots[n].className += " active";
        slides.style.left = -(n + 1) * slideWidth + "px";
        slides.style.transition = "0.5s";
    }
    function currentSlide(n) {
        showSlide((currentIdx = n));
    }
    next.onclick = function () {
        if (currentIdx <= slideCount - 1) {
            //슬라이드이동
            slides.style.left = -(currentIdx + 2) * slideWidth + "px";
            slides.style.transition = "0.5s";
        }
    }
</script>
```

```

    }
    if (currentIdx === slideCount - 1) {
        //마지막 슬라이드 일때
        setTimeout(function () {
            //0.5초동안 복사한 첫번째 이미지에서, 진짜 첫번째 위치로 이동
            slides.style.left = -slideWidth + "px";
            slides.style.transition = "0s";
        }, 500);
        currentIdx = -1;
    }
    currentIdx += 1;
    for (i = 0; i < slidelm.length; i++) {
        dots[i].className = dots[i].className.replace(" active", "");
    }
    dots[currentIdx].className += " active";
};

prev.onclick = function () {
    //이전 버튼 눌렀을때
    console.log(currentIdx);
    if (currentIdx >= 0) {
        slides.style.left = -currentIdx * slideWidth + "px";
        slides.style.transition = "0.5s";
    }
    if (currentIdx === 0) {
        setTimeout(function () {
            slides.style.left = -slideCount * slideWidth + "px";
            slides.style.transition = "0s";
        }, 500);
        currentIdx = slideCount;
    }
    currentIdx -= 1;
    for (i = 0; i < slidelm.length; i++) {
        dots[i].className = dots[i].className.replace(" active", "");
    }
    dots[currentIdx].className += " active";
});

```

```
var interval = setInterval(function () {  
    next.onclick();  
}, 2000);  
function slide_stop() {  
    clearInterval(interval);  
}  
function slide_start() {  
    interval = setInterval(function () {  
        next.onclick();  
    }, 2000);  
}  
</script>
```