

마우스휠 스크롤 이벤트
스크롤 상하

HTML :

```
<ul id="menu">
  <li class="on"><a href="#"> </a> </li>
  <li><a href="#"> </a> </li>
  <li><a href="#"> </a> </li>
  <li><a href="#"> </a> </li>
</ul>
<div id="wrap">
  <section>
    <article> </article>
  </section>
  <section>
    <article> </article>
  </section>
  <section>
    <article> </article>
  </section>
  <section>
    <article> </article>
  </section>
</div>
```

CSS:

```
* {
  margin: 0;
  padding: 0;
}
html,
body {
  width: 100%;
  height: 100%;
}
body {
  overflow: hidden;
}
#menu {
  position: fixed;
  top: 50%;
  left: 0;
  margin-top: -100px;
  z-index: 15;
}
#menu li a {
  display: block;
```

```
width: 10px;
height: 10px;
background: #000;
opacity: 0.8;
transition: all 0.5s;
}
#menu li:hover a {
font-size: 24px;
opacity: 1;
color: #fff;
border-color: #fff;
}
#menu li.on a {
background: #fff;
border-color: #d4164c;
font-size: 24px;
opacity: 1;
}
section {
width: 100%;
height: 100%;
position: relative;
}
section:nth-child(1) {
background: red;
}
section:nth-child(2) {
background: yellow;
}
section:nth-child(3) {
background: blue;
}
section:nth-child(4) {
background: green;
}
```

script:

```
$(function () {  
    let ht = $(window).height();  
    $("section").height(ht);  
  
    $(window).scroll(function () {  
        let ht = $(window).height();  
        let t = $(window).scrollTop();  
        /*console.log("t :"+t);*/  
        if (t >= ht * 0 && t < ht * 1) {  
            $("#menu li").removeClass("on");  
            $("#menu li").eq(0).addClass("on");  
        } else if (t >= ht * 1 && t < ht * 2) {  
            $("#menu li").removeClass("on");  
            $("#menu li").eq(1).addClass("on");  
        } else if (t >= ht * 2 && t < ht * 3) {  
            $("#menu li").removeClass("on");  
            $("#menu li").eq(2).addClass("on");  
        } else if (t >= ht * 3 && t < ht * 4) {  
            $("#menu li").removeClass("on");  
            $("#menu li").eq(3).addClass("on");  
        }  
    });  
    //section위에서 마우스 휠을 움직이면  
    $("section").on("mousewheel", function (event, delta) {  
        console.log(delta);  
        //마우스 휠을 올렸을때  
        if (delta > 0) {  
            if ($(this).next() != undefined) {  
                try {  
                    let prev = $(this).prev().offset().top;  
                    console.log("prev :"+ prev);  
                    //문서 전체를 prev에 저장된 위치로 이동  
                    $("html,body")  
                        .stop()  
                        .animate({ scrollTop: prev }, 1400, "easeOutBounce");  
                } catch (e) {}  
            }  
            //변수 prev에 현재 휠을 움직인 section에서 이전 section의 offset().top위치 저장  
  
            //마우스 휠을 내렸을때  
        } else if (delta < 0) {  
            //변수 next에 현재 휠을 움직인 section에서 다음 section의 offset().top위치 저장  
            let next = $(this).next().offset().top;  
            //문서 전체를 next에 저장된 위치로 이동  
            $("html,body").stop().animate({ scrollTop: next }, 1400, "easeOutBounce");  
        }  
    });  
});
```

```
$("#menu li").click(function () {  
  let num = $(this).index();  
  let nowTop = num * ht;  
  console.log("nowTop : " + nowTop);  
  $("html, body")  
    .stop()  
    .animate({ scrollTop: nowTop }, 1000, "easeOutBounce");  
});  
});
```

스크롤 상하

HTML :

```
<body>
  <div class="box" style="background-color: red">1</div>
  <div class="box" style="background-color: orange">2</div>
  <div class="box" style="background-color: yellow">3</div>
  <div class="box" style="background-color: green">4</div>
  <div class="box" style="background-color: blue">5</div>
  <div class="box" style="background-color: indigo">6</div>
  <div class="box" style="background-color: violet">7</div>
</body>
```

CSS:

```
* {
  margin: 0;
  padding: 0;
}
html,
body {
  width: 100%;
  height: 100%;
}
body {
  overflow: hidden;
}
.box {
  width: 100%;
  height: 100%;
  position: relative;
  color: #ffffff;
  font-size: 24pt;
}
```

script:

```
let elm = $(".box");
$(elm).each(function (index) {
  // 개별적으로 Wheel 이벤트 적용
  $(this).on("mousewheel", function (e) {
    e.preventDefault();
    console.log(event.wheelDelta);
    let delta = event.wheelDelta / 120;
    let moveTop = $(window).scrollTop();
    let elmSelector = $(elm).eq(index);
    // 마우스휠을 위에서 아래로
    if (delta < 0) {
      if ($(elmSelector).next() != undefined) {
        try {
          moveTop = $(elmSelector).next().offset().top;
        } catch (e) {}
      }
      // 마우스휠을 아래에서 위로
    } else {
      if ($(elmSelector).prev() != undefined) {
        try {
          moveTop = $(elmSelector).prev().offset().top;
        } catch (e) {}
      }
    }
    // 화면 이동 0.8초(800)
    $("html,body")
      .stop()
      .animate({ scrollTop: moveTop + "px" }, 800);
  });
});
```

스크롤 좌우

HTML :

```
<body>
  <div class="boxwrap">
    <div class="box" style="background-color: red">1</div>
    <div class="box" style="background-color: orange">2</div>
    <div class="box" style="background-color: yellow">3</div>
    <div class="box" style="background-color: green">4</div>
    <div class="box" style="background-color: blue">5</div>
    <div class="box" style="background-color: indigo">6</div>
    <div class="box" style="background-color: violet">7</div>
  </div>
</body>
```

CSS :

```
* {
  margin: 0;
  padding: 0;
}
html,
body {
  width: 100%;
  height: 100%;
}
body {
  overflow: hidden;
}
.boxwrap {
  display: table;
  table-layout: fixed;
  width: 700%;
  height: 100%;
}
.box {
  display: table-cell;
  color: #ffffff;
  font-size: 24px;
}
```

script :

```
$(function () {  
  let elm = $(".box");  
  $(elm).each(function (index) {  
    $(this).on("mousewheel", function () {  
      let delta = event.wheelDelta / 120;  
      let moveTop = $(window).scrollTop();  
      let elmSelector = $(elm).eq(index);  
      // 마우스휠을 위에서 아래로  
      if (delta < 0) {  
        if ($(elmSelector).next() != undefined) {  
          try {  
            moveTop = $(elmSelector).next().offset().left;  
          } catch (e) {}  
        }  
        // 마우스휠을 아래에서 위로  
      } else {  
        if ($(elmSelector).prev() != undefined) {  
          try {  
            moveTop = $(elmSelector).prev().offset().left;  
          } catch (e) {}  
        }  
      }  
      // 화면 이동 0.8초(800)  
      $("html, body").stop().animate({ scrollTop: moveTop }, 800);  
    });  
  });  
});
```