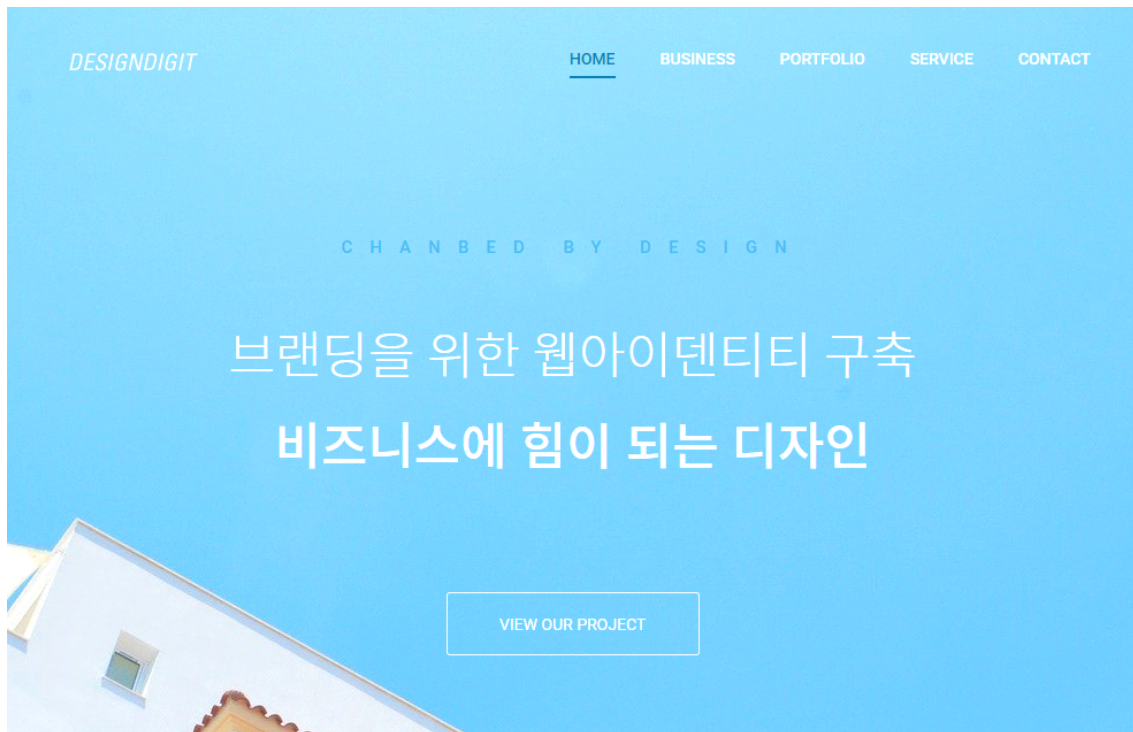


## Chapter1. Responsive Type



### 1) 인터랙션

part6 responsive type example/js/main.js

```
window.addEventListener("load", function(){
  var n=0;
  var t=0;
  var topPos=0;
  var scrollTimer=0;
  var winHalf=window.innerHeight/2;
  var wrapper=document.getElementsByClassName("wrapper")[0];
  var sectionList=[];

  for(var i=0; i<wrapper.children.length; i++){
    if(wrapper.children[i].tagName == "HEADER"){
      var header=wrapper.children[i];
    }
    else if(wrapper.children[i].tagName == "SECTION"){
      sectionList.push(wrapper.children[i]);
    }
  }
});
```

```

    }
    else if(wrapper.children[i].tagName == "FOOTER"){
        var footer=wrapper.children[i];
    }
}

var gnbLi=gnb.firstElementChild.children;
gnbLi[n].firstElementChild.classList.add("on");

var mobileGnbLi=m_gnb.firstElementChild.children;
var [business, portfolio, service, contact]=sectionList;
var btnTop=document.getElementsByClassName("btn_top")[0];
var menuArea=header.firstElementChild;

for(var i=0; i<menuArea.children.length; i++){
    if(menuArea.children[i].className == "mobile"){
        var mobile=menuArea.children[i];
    }
    else if(menuArea.children[i].className == "tab"){
        var tab=menuArea.children[i];
    }
    else if(menuArea.children[i].className == "dim"){
        var dim=menuArea.children[i];
    }
}

window.addEventListener("scroll", function(){
    clearTimeout(scrollTimer);

    scrollTimer=setTimeout(function(){
        t=window.pageYOffset;

        if(t < business.offsetTop-winHalf){
            n=0;
        }
        else if(t < portfolio.offsetTop-winHalf){
            n=1;
        }
        else if(t < service.offsetTop-winHalf){
            n=2;
        }
        else if(t < contact.offsetTop-winHalf){
            n=3;
        }
    }, 100);
});

```

```

        else{
            n=4;
        }

        for(var i=0; i<gnbLi.length; i++){
            if(i == n){
                gnbLi[i].firstElementChild.classList.add("on");
            }
            else{
                gnbLi[i].firstElementChild.classList.remove("on");
            }
        }

        if(n == 0){
            header.classList.add("active");
            btnTop.classList.remove("active");
            menuArea.classList.remove("active");
        }
        else{
            sectionList[n-1].classList.add("active");
            btnTop.classList.add("active");
            menuArea.classList.add("active");
        }
    }, 50);
});

window.addEventListener("resize", function(){
    w=window.innerWidth;
    winHalf=window.innerHeight/2;

    if(w > 720){
        if(mobile.classList.contains("active")){
            mobile.classList.remove("active");
            tab.classList.remove("active");
            dim.classList.remove("active");
        }
    }
});

btnTop.addEventListener("click", function(e){
    e.preventDefault();
    gsap.to(window, {scrollTo: 0, duration: 0.4});
});

tab.addEventListener("click", function(e){
    e.preventDefault();

```

```

        mobile.classList.toggle("active");
        tab.classList.toggle("active");
        dim.classList.toggle("active");
    });
    dim.addEventListener("click", function(){
        mobile.classList.remove("active");
        tab.classList.remove("active");
        dim.classList.remove("active");
    });

    for(var i=0; i<gnbLi.length; i++){
        gnbLi[i].index=i;
        mobileGnbLi[i].index=i;

        gnbLi[i].addEventListener("click", function(e){
            e.preventDefault();
            n=e.currentTarget.index;

            if(n == 0){
                topPos=header.offsetTop;
            }
            else{
                topPos=sectionList[n-1].offsetTop;
            }

            gsap.to(window, {scrollTo: topPos, duration: 0.4});
        });
        mobileGnbLi[i].addEventListener("click", function(e){
            e.preventDefault();
            n=e.currentTarget.index;

            if(n == 0){
                topPos=header.offsetTop;
            }
            else{
                topPos=sectionList[n-1].offsetTop;
            }

            mobile.classList.remove("active");
            tab.classList.remove("active");
            dim.classList.remove("active");
            gsap.to(window, {scrollTop: topPos, duration: 0.4, delay: 0.4});
        });
    }
}

```

};