[笔记][LIKE-C3][05-vivo官网-响应式网站]

`前端`

50. 响应式-VIVO官网介绍(理解)

响应式网站：同一个网站在不同设备上显示不一样。

`index.html`

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>vivo-智能手机官方网站</title>
    <link rel="stylesheet" href="css/reset.css">
    <link rel="stylesheet" href="css/base.css">
    <link rel="stylesheet" href="css/index.css">
</head>
<body>

</body>
</html>
```
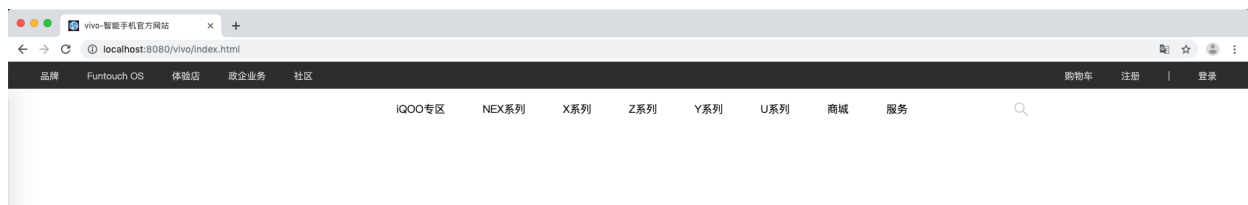
51. 响应式-VIVO头部(理解)

团子注：`w100p` 快捷键会变成 `width: 100%;`

`ly` 是 `list-style` 的缩写

`list-style` 是给 `ul` 设置的

`index.html`

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, in
itial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>vivo-智能手机官方网站</title>
    <link rel="stylesheet" href="css/reset.css">
    <link rel="stylesheet" href="font/iconfont.css">
    <link rel="stylesheet" href="css/base.css">
    <link rel="stylesheet" href="css/index.css">
```

```html
</head>
<body>
<div class="header">
    <div class="header-top">
        <ul class="header-left clearfix">
            <li><a href="#">品牌</a></li>
            <li><a href="#">Funtouch OS</a></li>
            <li><a href="#">体验店</a></li>
            <li><a href="#">政企业务</a></li>
            <li><a href="#">社区</a></li>
        </ul>
        <ul class="header-right">
            <li><a href="#">购物车</a></li>
            <li><a href="#">注册</a></li>
            <li><a href="#">|</a></li>
            <li><a href="#">登录</a></li>
        </ul>
    </div>
    <div class="header-bottom">
        <h1 class="logo"><a href="#" class="iconfont icon
-vivo"></a></h1>
        <ul class="header-middle clearfix">
            <li><a href="#">iQOO专区</a></li>
            <li><a href="#">NEX系列</a></li>
            <li><a href="#">X系列</a></li>
            <li><a href="#">Z系列</a></li>
            <li><a href="#">Y系列</a></li>
            <li><a href="#">U系列</a></li>
            <li><a href="#">商城</a></li>
            <li><a href="#">服务</a></li>
        </ul>
        <div class="search">
            <a href="#" class="iconfont icon-icon-"></a>
        </div>
    </div>
</div>
<div class="main"></div>
<div class="footer"></div>
</body>
</html>
```

```css
index.css
```

```css
/* 头部开始 */
.header {
    width: 100%;
}

.header>.header-top {
    width: 100%;
    height: 40px;
    line-height: 40px;
    background: #333333;
    padding: 0 48px;
    box-sizing: border-box;
    display: flex;
    justify-content: space-between;
}

.header-top>ul {
    list-style: none;
}

.header-top>ul>li {
    float: left;
    margin-right: 42px;
    color: #ccc;
}

.header-top>ul>li:hover a {
    color: #666;
}

.header-top>ul>li:last-child {
    margin-right: 0;
}

.header-top>ul>li>a {
    font-size: 14px;
    color: #ccc;
    font-weight: 400;
    text-decoration: none;
```

```css
        }

        .header>.header-bottom {
            width: 1200px;
            height: 60px;
            margin: 0 auto;
            line-height: 60px;
            display: flex;
            justify-content: space-between;
        }

        .header-bottom>.logo>a {
            text-decoration: none;
            color: #fff;
            font-size: 100px;
        }

        .header-bottom>.logo:hover a {
            color: #417fff;
        }

        .header-middle {
            list-style: none;
        }

        .header-middle>li {
            font-size: 16px;
            color: #000;
            margin: 0 28px;
            float: left;
        }

        .header-middle>li>a {
            text-decoration: none;
            color: #000;
        }

        .header-bottom>.search>a {
            color: #ccc;
            font-size: 30px;
            text-decoration: none;
```

```
}

.header-bottom>.header-middle>li:hover a {
    color: #417fff;
}
/* 头部结束 */
```

52. 响应式-VIVO内容上(理解)

`tnn` 是 `transition` 的快捷方式。

`index.html`

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, in
itial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>vivo-智能手机官方网站</title>
```

```html
    <link rel="stylesheet" href="css/reset.css">
    <link rel="stylesheet" href="font/iconfont.css">
    <link rel="stylesheet" href="css/base.css">
    <link rel="stylesheet" href="css/index.css">
</head>
<body>
<div class="header">
    <div class="header-top">
        <ul class="header-left clearfix">
            <li><a href="#">品牌</a></li>
            <li><a href="#">Funtouch OS</a></li>
            <li><a href="#">体验店</a></li>
            <li><a href="#">政企业务</a></li>
            <li><a href="#">社区</a></li>
        </ul>
        <ul class="header-right">
            <li><a href="#">购物车</a></li>
            <li><a href="#">注册</a></li>
            <li><a href="#">|</a></li>
            <li><a href="#">登录</a></li>
        </ul>
    </div>
    <div class="header-bottom">
        <h1 class="logo"><a href="#" class="iconfont icon
-vivo"></a></h1>
        <ul class="header-middle clearfix">
            <li><a href="#">iQOO专区</a></li>
            <li><a href="#">NEX系列</a></li>
            <li><a href="#">X系列</a></li>
            <li><a href="#">Z系列</a></li>
            <li><a href="#">Y系列</a></li>
            <li><a href="#">U系列</a></li>
            <li><a href="#">商城</a></li>
            <li><a href="#">服务</a></li>
        </ul>
        <div class="search">
            <a href="#" class="iconfont icon-icon-"></a>
        </div>
    </div>
</div>
<div class="main">
```

```html
        <div class="main-top">
            <ul>
                <li>
                    <a href="#"><img src="images/banner.jpg" alt=""></a>
                </li>
            </ul>
            <ol class="clearfix">
                <li></li>
                <li></li>
                <li></li>
                <li></li>
            </ol>
            <div>
                <i></i>
                <i></i>
                <i></i>
                <p>
                    <span>立即前往</span>
                    <b></b>
                </p>
            </div>
        </div>
        <div class="main-bottom"></div>
    </div>
    <div class="footer"></div>
</body>
</html>
```

index.css

```css
/* 头部开始 */
.header {
    width: 100%;
    position: absolute;
    left: 0;
    top: 0;
    z-index: 999;
}
```

```css
.header>.header-top {
    width: 100%;
    height: 40px;
    line-height: 40px;
    background: #333333;
    padding: 0 48px;
    box-sizing: border-box;
    display: flex;
    justify-content: space-between;
}

.header-top>ul {
    list-style: none;
}

.header-top>ul>li {
    float: left;
    margin-right: 42px;
    color: #ccc;
}

.header-top>ul>li:hover a {
    color: #666;
}

.header-top>ul>li:last-child {
    margin-right: 0;
}

.header-top>ul>li>a {
    font-size: 14px;
    color: #ccc;
    font-weight: 400;
    text-decoration: none;
}

.header>.header-bottom {
    width: 1200px;
    height: 60px;
    margin: 0 auto;
    line-height: 60px;
```

```css
    display: flex;
    justify-content: space-between;
}

.header-bottom>.logo>a {
    text-decoration: none;
    color: #fff;
    font-size: 100px;
}

.header-bottom>.logo:hover a {
    color: #417fff;
}

.header-middle {
    list-style: none;
}

.header-middle>li {
    font-size: 16px;
    color: #000;
    margin: 0 28px;
    float: left;
}

.header-middle>li>a {
    text-decoration: none;
    color: #000;
}

.header-bottom>.search>a {
    color: #ccc;
    font-size: 30px;
    text-decoration: none;
}

.header-bottom>.header-middle>li:hover a {
    color: #417fff;
}
/* 头部结束 */
```

```css
/* 内容开始 */
.main {
    width: 100%;
    margin-top: 40px;
}
.main>.main-top {
    width: 100%;
    position: relative;
}
.main>.main-top img {
    width: 100%;
    vertical-align: bottom;
}

.main>.main-top>ol{
    position: absolute;
    left: 50%;
    transform: translateX(-50%);
    bottom: 40px;
}
.main>.main-top>ol>li {
    float: left;
    width: 40px;
    height: 5px;
    background: rgba(255, 255, 255, 0.5);
    margin: 0 4px;
}

.main>.main-top>div{
    position: absolute;
    top: 50%;
    transform: translateY(-50%);
    left: 20%;
}

.main>.main-top>div i {
    display: block;
    width: 304px;
    height: 45px;
    background: url("../images/vivo-banner-title1.png") n
o-repeat;
```

```css
}

.main>.main-top>div i:nth-child(2) {
    background: url("../images/vivo-banner-title2.png") n
o-repeat;
}

.main>.main-top>div i:nth-child(3) {
    background: url("../images/vivo-banner-title3.png") n
o-repeat;
}

.main>.main-top>div>p {
    width: 304px;
    text-align: center;
    color: rgba(255, 255, 255, 0.5);
    margin-top: 60px;
    transition: all 0.5s;
}

.main>.main-top>div>p:hover {
    color: #fff;
}

.main>.main-top>div>p:hover b {
    width: 70px;
    background: #fff;
}

.main>.main-top>div span {
    display: block;
}

.main>.main-top>div b {
    display: inline-block;
    width: 16px;
    height: 2px;
    background: rgba(255, 255, 255, 0.5);
    margin-bottom: 8px;
    transition: all 0.5s;
```

```
}
/* 内容结束 */
```

53. 响应式-VIVO内容下(理解)

`index.html`

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>vivo-智能手机官方网站</title>
    <link rel="stylesheet" href="css/reset.css">
    <link rel="stylesheet" href="font/iconfont.css">
    <link rel="stylesheet" href="css/base.css">
    <link rel="stylesheet" href="css/index.css">
</head>
<body>
<div class="header">
    <div class="header-top">
        <ul class="header-left clearfix">
            <li><a href="#">品牌</a></li>
            <li><a href="#">Funtouch OS</a></li>
            <li><a href="#">体验店</a></li>
            <li><a href="#">政企业务</a></li>
            <li><a href="#">社区</a></li>
        </ul>
        <ul class="header-right">
            <li><a href="#">购物车</a></li>
            <li><a href="#">注册</a></li>
            <li><a href="#">|</a></li>
            <li><a href="#">登录</a></li>
        </ul>
    </div>
```

```html
    <div class="header-bottom">
        <h1 class="logo"><a href="#" class="iconfont icon
-vivo"></a></h1>
        <ul class="header-middle clearfix">
            <li><a href="#">iQOO专区</a></li>
            <li><a href="#">NEX系列</a></li>
            <li><a href="#">X系列</a></li>
            <li><a href="#">Z系列</a></li>
            <li><a href="#">Y系列</a></li>
            <li><a href="#">U系列</a></li>
            <li><a href="#">商城</a></li>
            <li><a href="#">服务</a></li>
        </ul>
        <div class="search">
            <a href="#" class="iconfont icon-icon-"></a>
        </div>
    </div>
</div>
<div class="main">
    <div class="main-top">
        <ul>
            <li>
                <a href="#"><img src="images/banner.jpg"
alt=""></a>
            </li>
        </ul>
        <ol class="clearfix">
            <li></li>
            <li></li>
            <li></li>
            <li></li>
        </ol>
        <div>
            <i></i>
            <i></i>
            <i></i>
            <p>
                <span>立即前往</span>
                <b></b>
            </p>
        </div>
```

```
            </div>
        <div class="main-bottom">
            <div>
                <div class="bottom-title">
                    <h2>NEX旗舰版</h2>
                    <p>了解详情</p>
                </div>
                <a href="#"><img src="images/vivo-promos-1.jp
g" alt=""></a>
            </div>
            <div>
                <div class="bottom-title">
                    <h2>玩家眼中的iQOO什么样？</h2>
                    <p>立即围观</p>
                </div>
                <a href="#"><img src="images/vivo-promos-2.jp
g" alt=""></a>
            </div>
            <div>
                <div class="bottom-title">
                    <h2>Z1青春版</h2>
                    <p>了解详情</p>
                </div>
                <a href="#"><img src="images/vivo-promos-3.jp
g" alt=""></a>
            </div>
            <div>
                <div class="bottom-title">
                    <h2>iQOO新品晒单</h2>
                    <p>旗舰新品等你拿</p>
                </div>
                <a href="#"><img src="images/vivo-promos-4.jp
g" alt=""></a>
            </div>
        </div>
    </div>
    <div class="footer"></div>
</body>
</html>
```

index.css

```css
/* 头部开始 */
.header {
    width: 100%;
    position: absolute;
    left: 0;
    top: 0;
    z-index: 999;
}

.header>.header-top {
    width: 100%;
    height: 40px;
    line-height: 40px;
    background: #333333;
    padding: 0 48px;
    box-sizing: border-box;
    display: flex;
    justify-content: space-between;
}

.header-top>ul {
    list-style: none;
}

.header-top>ul>li {
    float: left;
    margin-right: 42px;
    color: #ccc;
}

.header-top>ul>li:hover a {
    color: #666;
}

.header-top>ul>li:last-child {
    margin-right: 0;
}

/* 头部开始 */

.header-top>ul>li>a {
    font-size: 14px;
    color: #ccc;
```

```css
        font-weight: 400;
        text-decoration: none;
    }

    .header>.header-bottom {
        width: 1200px;
        height: 60px;
        margin: 0 auto;
        line-height: 60px;
        display: flex;
        justify-content: space-between;
    }

    .header-bottom>.logo>a {
        text-decoration: none;
        color: #fff;
        font-size: 100px;
    }

    .header-bottom>.logo:hover a {
        color: #417fff;
    }

    .header-middle {
        list-style: none;
    }

    .header-middle>li {
        font-size: 16px;
        color: #000;
        margin: 0 28px;
        float: left;
    }

    .header-middle>li>a {
        text-decoration: none;
        color: #000;
    }

    .header-bottom>.search>a {
        color: #ccc;
```

```css
        font-size: 30px;
        text-decoration: none;
    }


    .header-bottom>.header-middle>li:hover a {
        color: #417fff;
    }
    /* 头部结束 */

    /* 内容开始 */
    .main {
        width: 100%;
        margin-top: 40px;
    }
    .main>.main-top {
        width: 100%;
        position: relative;
    }
    .main>.main-top img {
        width: 100%;
        vertical-align: bottom;
    }


    .main>.main-top>ol{
        position: absolute;
        left: 50%;
        transform: translateX(-50%);
        bottom: 40px;
    }
    .main>.main-top>ol>li {
        float: left;
        width: 40px;
        height: 5px;
        background: rgba(255, 255, 255, 0.5);
        margin: 0 4px;
    }


    .main>.main-top>div{
        position: absolute;
        top: 50%;
        transform: translateY(-50%);
```

```css
        left: 20%;
    }

    .main>.main-top>div i {
        display: block;
        width: 304px;
        height: 45px;
        background: url("../images/vivo-banner-title1.png") n
    o-repeat;
    }

    .main>.main-top>div i:nth-child(2) {
        background: url("../images/vivo-banner-title2.png") n
    o-repeat;
    }

    .main>.main-top>div i:nth-child(3) {
        background: url("../images/vivo-banner-title3.png") n
    o-repeat;
    }

    .main>.main-top>div>p {
        width: 304px;
        text-align: center;
        color: rgba(255, 255, 255, 0.5);
        margin-top: 60px;
        transition: all 0.5s;
    }

    .main>.main-top>div>p:hover {
        color: #fff;
    }


    .main>.main-top>div>p:hover b {
        width: 70px;
        background: #fff;
    }

    .main>.main-top>div span {
        display: block;
```

```css
            }

            .main>.main-top>div b {
                display: inline-block;
                width: 16px;
                height: 2px;
                background: rgba(255, 255, 255, 0.5);
                margin-bottom: 8px;
                transition: all 0.5s;
            }

            .main>.main-bottom {
                display: flex;
                width: 100%;
                margin-top: 5px;
            }

            .main>.main-bottom>div {
                flex: 1;
                position: relative;
                height: 300px;
                overflow: hidden;
            }

            .main>.main-bottom>div img {
                position: absolute;
                left: 50%;
                transform: translateX(-50%);
            }

            .main-bottom .bottom-title {
                position: absolute;
                left: 0;
                top: 25px;
                width: 100%;
                text-align: center;
                z-index: 90;
                color: #333;
            }

            .main-bottom>div:nth-child(even) .bottom-title{
```

```
        color: #fff;
    }

    .main-bottom .bottom-title h2 {
        font-size: 16px;
        font-weight: 500;
    }
    .main-bottom .bottom-title p {
        font-size: 14px;
        margin-top: 10px;
    }

    /* 内容结束 */
```

54. 响应式-VIVO底部上(理解)

`index.html`

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, in
itial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>vivo-智能手机官方网站</title>
    <link rel="stylesheet" href="css/reset.css">
    <link rel="stylesheet" href="font/iconfont.css">
    <link rel="stylesheet" href="css/base.css">
    <link rel="stylesheet" href="css/index.css">
</head>
<body>
<div class="header">
    <div class="header-top">
```

```html
        <ul class="header-left clearfix">
            <li><a href="#">品牌</a></li>
            <li><a href="#">Funtouch OS</a></li>
            <li><a href="#">体验店</a></li>
            <li><a href="#">政企业务</a></li>
            <li><a href="#">社区</a></li>
        </ul>
        <ul class="header-right">
            <li><a href="#">购物车</a></li>
            <li><a href="#">注册</a></li>
            <li><a href="#">|</a></li>
            <li><a href="#">登录</a></li>
        </ul>
    </div>
    <div class="header-bottom">
        <h1 class="logo"><a href="#" class="iconfont icon
-vivo"></a></h1>
        <ul class="header-middle clearfix">
            <li><a href="#">iQOO专区</a></li>
            <li><a href="#">NEX系列</a></li>
            <li><a href="#">X系列</a></li>
            <li><a href="#">Z系列</a></li>
            <li><a href="#">Y系列</a></li>
            <li><a href="#">U系列</a></li>
            <li><a href="#">商城</a></li>
            <li><a href="#">服务</a></li>
        </ul>
        <div class="search">
            <a href="#" class="iconfont icon-icon-"></a>
        </div>
    </div>
</div>
<div class="main">
    <div class="main-top">
        <ul>
            <li>
                <a href="#"><img src="images/banner.jpg"
alt=""></a>
            </li>
        </ul>
        <ol class="clearfix">
```

```html
            <li></li>
            <li></li>
            <li></li>
            <li></li>
        </ol>
        <div>
            <i></i>
            <i></i>
            <i></i>
            <p>
                <span>立即前往</span>
                <b></b>
            </p>
        </div>
    </div>
    <div class="main-bottom">
        <div>
            <div class="bottom-title">
                <h2>NEX旗舰版</h2>
                <p>了解详情</p>
            </div>
            <a href="#"><img src="images/vivo-promos-1.jp
g" alt=""></a>
        </div>
        <div>
            <div class="bottom-title">
                <h2>玩家眼中的iQOO什么样？</h2>
                <p>立即围观</p>
            </div>
            <a href="#"><img src="images/vivo-promos-2.jp
g" alt=""></a>
        </div>
        <div>
            <div class="bottom-title">
                <h2>Z1青春版</h2>
                <p>了解详情</p>
            </div>
            <a href="#"><img src="images/vivo-promos-3.jp
g" alt=""></a>
        </div>
        <div>
```

```html
                <div class="bottom-title">
                    <h2>iQOO新品晒单</h2>
                    <p>旗舰新品等你拿</p>
                </div>
                <a href="#"><img src="images/vivo-promos-4.jp
g" alt=""></a>
            </div>
        </div>
    </div>
<div class="footer">
    <div class="footer-in">
        <div class="footer-top clearfix">
            <div class="footer-top-left fl">
                <dl>
                    <dt>热门链接</dt>
                    <dd>NEX双屏版</dd>
                    <dd>X23</dd>
                    <dd>Z3</dd>
                    <dd>vivo摄影</dd>
                    <dd>查找手机</dd>
                    <dd>常见问题</dd>
                </dl>
                <dl>
                    <dt>在线购买</dt>
                    <dd>官方商城</dd>
                    <dd>选购手机</dd>
                    <dd>选购配件</dd>
                    <dd>政企服务</dd>
                    <dd>以旧换新</dd>
                    <dd>服务保障</dd>
                </dl>
                <dl>
                    <dt>服务支持</dt>
                    <dd>服务首页</dd>
                    <dd>服务网点查询</dd>
                    <dd>真伪查询</dd>
                    <dd>服务政策</dd>
                    <dd>预约维修</dd>
                    <dd>维修配件价格</dd>
                </dl>
                <dl>
```

```html
                        <dt>vivo社区</dt>
                        <dd>社区首页</dd>
                        <dd>摄影专区</dd>
                        <dd>贴吧</dd>
                        <dd>兴趣部落</dd>
                        <dd>新手课堂</dd>
                        <dd>社区规则</dd>
                    </dl>
                    <dl>
                        <dt>关于vivo</dt>
                        <dd>vivo简介</dd>
                        <dd>工作机会</dd>
                        <dd>新闻资讯</dd>
                        <dd>采购平台</dd>
                        <dd>开发者平台</dd>
                    </dl>
                </div>
                <div class="footer-top-right fr">
                    <p><a href="#" class="iconfont icon-liaot
ian">在线客服</a></p>
                    <p>400-678-9688</p>
                    <p>24小时全国服务热线</p>
                </div>
            </div>
            <div class="footer-bottom"></div>
        </div>
</body>
</html>
```

index.css

```css
/* 头部开始 */
.header {
    width: 100%;
    position: absolute;
    left: 0;
    top: 0;
    z-index: 999;
}
```

```css
.header>.header-top {
    width: 100%;
    height: 40px;
    line-height: 40px;
    background: #333333;
    padding: 0 48px;
    box-sizing: border-box;
    display: flex;
    justify-content: space-between;
}

.header-top>ul {
    list-style: none;
}

.header-top>ul>li {
    float: left;
    margin-right: 42px;
    color: #ccc;
}

.header-top>ul>li:hover a {
    color: #666;
}

.header-top>ul>li:last-child {
    margin-right: 0;
}

.header-top>ul>li>a {
    font-size: 14px;
    color: #ccc;
    font-weight: 400;
    text-decoration: none;
}

.header>.header-bottom {
    width: 1200px;
    height: 60px;
    margin: 0 auto;
```

```css
    line-height: 60px;
    display: flex;
    justify-content: space-between;
} /* 头部结束 */

.header-bottom>.logo>a {
    text-decoration: none;
    color: #fff;
    font-size: 100px;
}

.header-bottom>.logo:hover a {
    color: #417fff;
}

.header-middle {
    list-style: none;
}

.header-middle>li {
    font-size: 16px;
    color: #000;
    margin: 0 28px;
    float: left;
}

.header-middle>li>a {
    text-decoration: none;
    color: #000;
}

.header-bottom>.search>a {
    color: #ccc;
    font-size: 30px;
    text-decoration: none;
}

.header-bottom>.header-middle>li:hover a {
    color: #417fff;
}
/* 头部结束 */
```

```css
/* 内容开始 */
.main {
    width: 100%;
    margin-top: 40px;
}
.main>.main-top {
    width: 100%;
    position: relative;
}
.main>.main-top img {
    width: 100%;
    vertical-align: bottom;
}

.main>.main-top>ol{
    position: absolute;
    left: 50%;
    transform: translateX(-50%);
    bottom: 40px;
}
.main>.main-top>ol>li {
    float: left;
    width: 40px;
    height: 5px;
    background: rgba(255, 255, 255, 0.5);
    margin: 0 4px;
}

.main>.main-top>div{
    position: absolute;
    top: 50%;
    transform: translateY(-50%);
    left: 20%;
}

.main>.main-top>div i {
    display: block;
    width: 304px;
    height: 45px;
```

```css
    background: url("../images/vivo-banner-title1.png") no-repeat;
}

.main>.main-top>div i:nth-child(2) {
    background: url("../images/vivo-banner-title2.png") no-repeat;
}

.main>.main-top>div i:nth-child(3) {
    background: url("../images/vivo-banner-title3.png") no-repeat;
}

.main>.main-top>div>p {
    width: 304px;
    text-align: center;
    color: rgba(255, 255, 255, 0.5);
    margin-top: 60px;
    transition: all 0.5s;
}

.main>.main-top>div>p:hover {
    color: #fff;
}


.main>.main-top>div>p:hover b {
    width: 70px;
    background: #fff;
}

.main>.main-top>div span {
    display: block;
}

.main>.main-top>div b {
    display: inline-block;
    width: 16px;
    height: 2px;
    background: rgba(255, 255, 255, 0.5);
```

```css
    margin-bottom: 8px;
    transition: all 0.5s;
}

.main>.main-bottom {
    display: flex;
    width: 100%;
    margin-top: 5px;
}

.main>.main-bottom>div {
    flex: 1;
    position: relative;
    height: 300px;
    overflow: hidden;
}

.main>.main-bottom>div img {
    position: absolute;
    left: 50%;
    transform: translateX(-50%);
}

.main-bottom .bottom-title {
    position: absolute;
    left: 0;
    top: 25px;
    width: 100%;
    text-align: center;
    z-index: 90;
    color: #333;
}

.main-bottom>div:nth-child(even) .bottom-title{
    color: #fff;
}

.main-bottom .bottom-title h2 {
    font-size: 16px;
    font-weight: 500;
}
```

```css
.main-bottom .bottom-title p {
    font-size: 14px;
    margin-top: 10px;
}

/* 内容结束 */

/* 底部开始 */
.footer {
    width: 100%;
    background: #f7f7f7;
    padding-top: 60px;
}

.footer>.footer-in {
    width: 1200px;
    margin: 0 auto;
}

.footer-in>.footer-top {
    padding-bottom: 76px;
    border-bottom: 1px solid #333;
}

.footer-in>.footer-top>.footer-top-left {
    width: 75%;
    display: flex;
    justify-content: space-between;
}

.footer-in>.footer-top>.footer-top-left dt {
    font-size: 16px;
    font-weight: 700;
    line-height: 17px;
    margin-bottom: 40px;
}

.footer-in>.footer-top>.footer-top-left dd {
    color: #666;
    font-size: 14px;
    line-height: 17px;
```

```css
        margin-bottom: 18px;
    }


    .footer-in>.footer-top>.footer-top-right {
        width: 25%;
        text-align: center;
    }


    .footer-top>.footer-top-right>p:nth-child(1)>a {
        font-size: 22px;
        color: #333;
        text-decoration: none;
    }


    .footer-top>.footer-top-right>p:nth-child(2) {
        margin-top: 60px;
        font-size: 24px;
        color: #415fff;
    }


    .footer-top>.footer-top-right>p:nth-child(3) {
        font-size: 14px;
        color: #333;
    }

    /* 底部结束 */
```

55. 响应式-VIVO底部下(理解)

`index.html`

```html
<!DOCTYPE html>
<html lang="en">


<head>
```

```html
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, in
itial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>vivo-智能手机官方网站</title>
    <link rel="stylesheet" href="css/reset.css">
    <link rel="stylesheet" href="font/iconfont.css">
    <link rel="stylesheet" href="css/base.css">
    <link rel="stylesheet" href="css/index.css">
</head>

<body>
    <div class="header">
        <div class="header-top">
            <ul class="header-left clearfix">
                <li><a href="#">品牌</a></li>
                <li><a href="#">Funtouch OS</a></li>
                <li><a href="#">体验店</a></li>
                <li><a href="#">政企业务</a></li>
                <li><a href="#">社区</a></li>
            </ul>
            <ul class="header-right">
                <li><a href="#">购物车</a></li>
                <li><a href="#">注册</a></li>
                <li><a href="#">|</a></li>
                <li><a href="#">登录</a></li>
            </ul>
        </div>
        <div class="header-bottom">
            <h1 class="logo"><a href="#" class="iconfont
 icon-vivo"></a></h1>
            <ul class="header-middle clearfix">
                <li><a href="#">iQOO专区</a></li>
                <li><a href="#">NEX系列</a></li>
                <li><a href="#">X系列</a></li>
                <li><a href="#">Z系列</a></li>
                <li><a href="#">Y系列</a></li>
                <li><a href="#">U系列</a></li>
                <li><a href="#">商城</a></li>
                <li><a href="#">服务</a></li>
            </ul>
```

```html
            <div class="search">
                <a href="#" class="iconfont icon-icon-">
</a>
            </div>
        </div>
    </div>
    <div class="main">
        <div class="main-top">
            <ul>
                <li>
                    <a href="#"><img src="images/banner.j
pg" alt=""></a>
                </li>
            </ul>
            <ol class="clearfix">
                <li></li>
                <li></li>
                <li></li>
                <li></li>
            </ol>
            <div>
                <i></i>
                <i></i>
                <i></i>
                <p>
                    <span>立即前往</span>
                    <b></b>
                </p>
            </div>
        </div>
        <div class="main-bottom">
            <div>
                <div class="bottom-title">
                    <h2>NEX旗舰版</h2>
                    <p>了解详情</p>
                </div>
                <a href="#"><img src="images/vivo-promos-
1.jpg" alt=""></a>
            </div>
            <div>
                <div class="bottom-title">
```

```html
                <h2>玩家眼中的iQOO什么样？</h2>
                <p>立即围观</p>
            </div>
            <a href="#"><img src="images/vivo-promos-
2.jpg" alt=""></a>
        </div>
        <div>
            <div class="bottom-title">
                <h2>Z1青春版</h2>
                <p>了解详情</p>
            </div>
            <a href="#"><img src="images/vivo-promos-
3.jpg" alt=""></a>
        </div>
        <div>
            <div class="bottom-title">
                <h2>iQOO新品晒单</h2>
                <p>旗舰新品等你拿</p>
            </div>
            <a href="#"><img src="images/vivo-promos-
4.jpg" alt=""></a>
        </div>
    </div>
</div>
<div class="footer">
    <div class="footer-in">
        <div class="footer-top clearfix">
            <div class="footer-top-left fl">
                <dl>
                    <dt>热门链接</dt>
                    <dd>NEX双屏版</dd>
                    <dd>X23</dd>
                    <dd>Z3</dd>
                    <dd>vivo摄影</dd>
                    <dd>查找手机</dd>
                    <dd>常见问题</dd>
                </dl>
                <dl>
                    <dt>在线购买</dt>
                    <dd>官方商城</dd>
                    <dd>选购手机</dd>
```

```html
                <dd>选购配件</dd>
                <dd>政企服务</dd>
                <dd>以旧换新</dd>
                <dd>服务保障</dd>
            </dl>
            <dl>
                <dt>服务支持</dt>
                <dd>服务首页</dd>
                <dd>服务网点查询</dd>
                <dd>真伪查询</dd>
                <dd>服务政策</dd>
                <dd>预约维修</dd>
                <dd>维修配件价格</dd>
            </dl>
            <dl>
                <dt>vivo社区</dt>
                <dd>社区首页</dd>
                <dd>摄影专区</dd>
                <dd>贴吧</dd>
                <dd>兴趣部落</dd>
                <dd>新手课堂</dd>
                <dd>社区规则</dd>
            </dl>
            <dl>
                <dt>关于vivo</dt>
                <dd>vivo简介</dd>
                <dd>工作机会</dd>
                <dd>新闻资讯</dd>
                <dd>采购平台</dd>
                <dd>开发者平台</dd>
            </dl>
        </div>
        <div class="footer-top-right fr">
            <p><a href="#" class="iconfont icon-liaotian">在线客服</a></p>
            <p>400-678-9688</p>
            <p>24小时全国服务热线</p>
        </div>
    </div>
    <div class="footer-bottom clearfix">
        <div class="footer-bottom-left fl">
```

```
                          Copyright ©2011-2019 广东步步高电子工业有
限公司 版权所有 保留一切权利  |
                              <a href="#">隐私政策</a>
                              |
                              <a href="#">法律声明 </a>
                              |
                              <a href="#">粤B2-20080267 </a>
                              |
                              <a href="#">粤ICP备05100288号</a>
                              <img src="images/gssw-icon.png"
alt="">
                      </div>
                      <div class="footer-bottom-right fr">
                          <a href="#">关于vivo</a>
                          <a href="#" class="iconfont icon-wang
gediqiu">中国</a>
                      </div>
                  </div>
              </div>
          </div>
      </body>

      </html>
```

```
/* 头部开始 */
.header {
    width: 100%;
    position: absolute;
    left: 0;
    top: 0;
    z-index: 999;
}

.header>.header-top {
    width: 100%;
    height: 40px;
    line-height: 40px;
    background: #333333;
```

```css
    padding: 0 48px;
    box-sizing: border-box;
    display: flex;
    justify-content: space-between;
}

.header-top>ul {
    list-style: none;
}

.header-top>ul>li {
    float: left;
    margin-right: 42px;
    color: #ccc;
}

.header-top>ul>li:hover a {
    color: #666;
}

.header-top>ul>li:last-child {
    margin-right: 0;
}

.header-top>ul>li>a {
    font-size: 14px;
    color: #ccc;
    font-weight: 400;
    text-decoration: none;
}

.header>.header-bottom {
    width: 1200px;
    height: 60px;
    margin: 0 auto;
    line-height: 60px;
    display: flex;
    justify-content: space-between;
}

.header-bottom>.logo>a {
```

```css
        text-decoration: none;
        color: #fff;
        font-size: 100px;
    }

    .header-bottom>.logo:hover a {
        color: #417fff;
    }

    .header-middle {
        list-style: none;
    }

    .header-middle>li {
        font-size: 16px;
        color: #000;
        margin: 0 28px;
        float: left;
    }

    .header-middle>li>a {
        text-decoration: none;
        color: #000;
    }

    .header-bottom>.search>a {
        color: #ccc;
        font-size: 30px;
        text-decoration: none;
    }

    .header-bottom>.header-middle>li:hover a {
        color: #417fff;
    }
    /* 头部结束 */

    /* 内容开始 */
    .main {
        width: 100%;
        margin-top: 40px;
    }
```

```css
.main>.main-top {
    width: 100%;
    position: relative;
}
.main>.main-top img {
    width: 100%;
    vertical-align: bottom;
}

.main>.main-top>ol{
    position: absolute;
    left: 50%;
    transform: translateX(-50%);
    bottom: 40px;
}
.main>.main-top>ol>li {
    float: left;
    width: 40px;
    height: 5px;
    background: rgba(255, 255, 255, 0.5);
    margin: 0 4px;
}

.main>.main-top>div{
    position: absolute;
    top: 50%;
    transform: translateY(-50%);
    left: 20%;
}

.main>.main-top>div i {
    display: block;
    width: 304px;
    height: 45px;
    background: url("../images/vivo-banner-title1.png") n
o-repeat;
}

.main>.main-top>div i:nth-child(2) {
    background: url("../images/vivo-banner-title2.png") n
o-repeat;
```

```css
    }

    .main>.main-top>div i:nth-child(3) {
        background: url("../images/vivo-banner-title3.png") n
o-repeat;
    }

    .main>.main-top>div>p {
        width: 304px;
        text-align: center;
        color: rgba(255, 255, 255, 0.5);
        margin-top: 60px;
        transition: all 0.5s;
    }

    .main>.main-top>div>p:hover {
        color: #fff;
    }


    .main>.main-top>div>p:hover b {
        width: 70px;
        background: #fff;
    }

    .main>.main-top>div span {
        display: block;
    }

    .main>.main-top>div b {
        display: inline-block;
        width: 16px;
        height: 2px;
        background: rgba(255, 255, 255, 0.5);
        margin-bottom: 8px;
        transition: all 0.5s;
    }

    .main>.main-bottom {
        display: flex;
        width: 100%;
```

```css
    margin-top: 5px;
}

.main>.main-bottom>div {
    flex: 1;
    position: relative;
    height: 300px;
    overflow: hidden;
}

.main>.main-bottom>div img {
    position: absolute;
    left: 50%;
    transform: translateX(-50%);
}

.main-bottom .bottom-title {
    position: absolute;
    left: 0;
    top: 25px;
    width: 100%;
    text-align: center;
    z-index: 90;
    color: #333;
}

.main-bottom>div:nth-child(even) .bottom-title{
    color: #fff;
}

.main-bottom .bottom-title h2 {
    font-size: 16px;
    font-weight: 500;
}
.main-bottom .bottom-title p {
    font-size: 14px;
    margin-top: 10px;
}

/* 内容结束 */
```

```css
/* 底部开始 */
.footer {
    width: 100%;
    background: #f7f7f7;
    padding-top: 60px;
}

.footer>.footer-in {
    width: 1200px;
    margin: 0 auto;
}

.footer-in>.footer-top {
    padding-bottom: 76px;
    border-bottom: 1px solid #333;
}

.footer-in>.footer-top>.footer-top-left {
    width: 75%;
    display: flex;
    justify-content: space-between;
}

.footer-in>.footer-top>.footer-top-left dt {
    font-size: 16px;
    font-weight: 700;
    line-height: 17px;
    margin-bottom: 40px;
}

.footer-in>.footer-top>.footer-top-left dd {
    color: #666;
    font-size: 14px;
    line-height: 17px;
    margin-bottom: 18px;
}

.footer-in>.footer-top>.footer-top-right {
    width: 25%;
    text-align: center;
}
```

```css
.footer-top>.footer-top-right>p:nth-child(1)>a {
    font-size: 22px;
    color: #333;
    text-decoration: none;
}

.footer-top>.footer-top-right>p:nth-child(2) {
    margin-top: 60px;
    font-size: 24px;
    color: #415fff;
}

.footer-top>.footer-top-right>p:nth-child(3) {
    font-size: 14px;
    color: #333;
}

.footer-in>.footer-bottom {
    padding: 10px 0;
    font-size: 12px;
    color: #666;
}

.footer-in>.footer-bottom a {
    color: #666;
    text-decoration: none;
}

.footer-bottom>.footer-bottom-right a {
    font-size: 12px;
    text-decoration: none;
}
.footer-bottom>.footer-bottom-right a:last-child {
    margin-left: 60px;
}
/* 底部结束 */
```

56. 响应式-媒体查询上(掌握)

`css3` 新增的媒体查询：根据不同浏览器的宽度，设置元素不同的样式。

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <!-- 下面这句话，在谷歌浏览器模拟手机浏览的宽度时，最小的可以显示出来 -->
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>媒体查询基本使用</title>
    <style>
        * {
            margin: 0;
            padding: 0;
        }

        /* div {
            width: 500px;
            height: 500px;
            background: red;
        } */

        /* 如果当前的网页是显示在电脑 or 平板 or 手机上的，并且当前浏览器的宽度是大于等于 1200px */
        /* 那么就执行后面大括号中的代码 */
        /* 其中 screen 是一个关键字，代表在电脑、平板或手机上的屏幕 */
        /* 当浏览器宽度小于 1200px 的时候，这个 div 就没有样式了 */
        @media screen and (min-width: 1200px) {
            div {
                width: 500px;
                height: 500px;
                background: red;
            }
        }
```

```css
        /* 如果当前的网页是显示在电脑 or 平板 or 手机上的，并且当
前浏览器的宽度是小于等于 1199px */
        /* 那么就执行后面大括号中的代码 */
        @media screen and (max-width: 1199px) {
            div {
                width: 300px;
                height: 300px;
                background: green;
            }
        }

        /* 如果当前的网页是显示在电脑 or 平板 or 手机上的，并且当
前浏览器的宽度是小于等于 768px */
        /* 那么就执行后面大括号中的代码 */
        @media screen and (max-width: 768px) {
            div {
                width: 100px;
                height: 100px;
                background: blue;
            }
        }
    </style>
</head>
<body>
    <!--
        1. 什么是媒体查询?
        媒体查询就是获取到当前浏览器的宽度之后，根据不同的宽度设置
元素不同的样式。

        2. 媒体查询的注意点:
        由于媒体查询需要根据不同的浏览器宽度调整元素的样式，所以不
适合用于比较复杂的网页

        3. 媒体查询的格式
        3.1 内联格式: 在这里的 media 可以理解为英文的 if（如果）
                    如果条件满足，就执行 {} 中的代码
        @media 条件{}
        3.2 外链格式
    -->
    <div></div>
```

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

57. 响应式-媒体查询下(掌握)

1. 什么是媒体查询？
   媒体查询就是获取到当前浏览器的宽度之后，根据不同的宽度设置元素不同的样式。
2. 媒体查询的注意点：
   由于媒体查询需要根据不同的浏览器宽度调整元素的样式，所以不适合用于比较复杂的网页
3. 媒体查询的格式
   3.1 内联格式：在这里的 media 可以理解为英文的 if（如果）
   如果条件满足，就执行 {} 中的代码
   `@media 条件{}`
   3.2 外链格式
   `<link rel="stylesheet" href="css/xxx.css" media="条件">`

`index.html`

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>媒体查询基本使用2</title>
    <!--
        1. 在企业开发中，如果需要分别给电脑、平板、手机设置样式，我们会将电脑的样式写在前面，
        将平板的样式写在电脑的后面，将手机的样式写在平板的后面。
```

```
        2. 在企业开发中媒体查询中指定的宽度不是固定的。
        指定的宽度是根据自己企业的需求来指定的,
        并没有一个固定的值是代表电脑的, 也没有一个固定的值是代表平
板的, 也没有一个固定的值是代表手机的。
        这里的 1200, 和 768 是借鉴的知名框架的(Bootstrap)。
        -->
    <link rel="stylesheet" href="媒体查询CSS/index-pc.css"
media="screen and (min-width: 1200px)">
    <link rel="stylesheet" href="媒体查询CSS/index-pad.css"
 media="screen and (max-width: 1199px)">
    <link rel="stylesheet" href="媒体查询CSS/index-phone.cs
s" media="screen and (max-width: 768px)">
</head>
<body>
    <div></div>
</body>
</html>
```

`index-pc.css`

```
div {
    width: 500px;
    height: 500px;
    background: red;
}
```

`index-pad.css`

```
div {
    width: 300px;
    height: 300px;
    background: green;
}
```

```css
div {
    width: 100px;
    height: 100px;
    background: blue;
}
```

58. 响应式-响应式网站编写步骤(掌握)

index.html

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>vivo-智能手机官方网站</title>
    <link rel="stylesheet" href="css/reset.css">
    <link rel="stylesheet" href="font/iconfont.css">
    <link rel="stylesheet" href="css/base.css">
    <!--
        1. 如果给电脑的 CSS 添加条件, 那么在平板和手机上所有的样式
    都会消失,
            那么如果平板和手机上有和电脑上相同的样式也不能复用
        2. 所以我们不要给电脑的 CSS 添加条件, 这样无论浏览器的宽度
    是多少, 电脑的 CSS 都会被执行,
```

```html
    -->
    <link rel="stylesheet" href="css/index.css">
    <link rel="stylesheet" href="css/index-pad.css"
media="screen and (max-width: 1199px)">
    <link rel="stylesheet" href="css/index-phone.css" med
ia="screen and 768px">
</head>

<body>
    <div class="header">
        <div class="header-top">
            <ul class="header-left clearfix">
                <li><a href="#">品牌</a></li>
                <li><a href="#">Funtouch OS</a></li>
                <li><a href="#">体验店</a></li>
                <li><a href="#">政企业务</a></li>
                <li><a href="#">社区</a></li>
            </ul>
            <ul class="header-right">
                <li><a href="#">购物车</a></li>
                <li><a href="#">注册</a></li>
                <li><a href="#">|</a></li>
                <li><a href="#">登录</a></li>
            </ul>
        </div>
        <div class="header-bottom">
            <h1 class="logo"><a href="#" class="iconfont
 icon-vivo"></a></h1>
            <ul class="header-middle clearfix">
                <li><a href="#">iQOO专区</a></li>
                <li><a href="#">NEX系列</a></li>
                <li><a href="#">X系列</a></li>
                <li><a href="#">Z系列</a></li>
                <li><a href="#">Y系列</a></li>
```

```html
            <li><a href="#">U系列</a></li>
            <li><a href="#">商城</a></li>
            <li><a href="#">服务</a></li>
        </ul>
        <div class="search">
            <a href="#" class="iconfont icon-icon-">
</a>
        </div>
    </div>
</div>
<div class="main">
    <div class="main-top">
        <ul>
            <li>
                <a href="#"><img src="images/banner.j
pg" alt=""></a>
            </li>
        </ul>
        <ol class="clearfix">
            <li></li>
            <li></li>
            <li></li>
            <li></li>
        </ol>
        <div>
            <i></i>
            <i></i>
            <i></i>
            <p>
                <span>立即前往</span>
                <b></b>
            </p>
        </div>
    </div>
    <div class="main-bottom">
        <div>
            <div class="bottom-title">
                <h2>NEX旗舰版</h2>
                <p>了解详情</p>
            </div>
```

```html
                <a href="#"><img src="images/vivo-promos-
1.jpg" alt=""></a>
            </div>
            <div>
                <div class="bottom-title">
                    <h2>玩家眼中的iQOO什么样? </h2>
                    <p>立即围观</p>
                </div>
                <a href="#"><img src="images/vivo-promos-
2.jpg" alt=""></a>
            </div>
            <div>
                <div class="bottom-title">
                    <h2>Z1青春版</h2>
                    <p>了解详情</p>
                </div>
                <a href="#"><img src="images/vivo-promos-
3.jpg" alt=""></a>
            </div>
            <div>
                <div class="bottom-title">
                    <h2>iQOO新品晒单</h2>
                    <p>旗舰新品等你拿</p>
                </div>
                <a href="#"><img src="images/vivo-promos-
4.jpg" alt=""></a>
            </div>
        </div>
    </div>
    <div class="footer">
        <div class="footer-in">
            <div class="footer-top clearfix">
                <div class="footer-top-left fl">
                    <dl>
                        <dt>热门链接</dt>
                        <dd>NEX双屏版</dd>
                        <dd>X23</dd>
                        <dd>Z3</dd>
                        <dd>vivo摄影</dd>
                        <dd>查找手机</dd>
                        <dd>常见问题</dd>
```

```html
            </dl>
            <dl>
                <dt>在线购买</dt>
                <dd>官方商城</dd>
                <dd>选购手机</dd>
                <dd>选购配件</dd>
                <dd>政企服务</dd>
                <dd>以旧换新</dd>
                <dd>服务保障</dd>
            </dl>
            <dl>
                <dt>服务支持</dt>
                <dd>服务首页</dd>
                <dd>服务网点查询</dd>
                <dd>真伪查询</dd>
                <dd>服务政策</dd>
                <dd>预约维修</dd>
                <dd>维修配件价格</dd>
            </dl>
            <dl>
                <dt>vivo社区</dt>
                <dd>社区首页</dd>
                <dd>摄影专区</dd>
                <dd>贴吧</dd>
                <dd>兴趣部落</dd>
                <dd>新手课堂</dd>
                <dd>社区规则</dd>
            </dl>
            <dl>
                <dt>关于vivo</dt>
                <dd>vivo简介</dd>
                <dd>工作机会</dd>
                <dd>新闻资讯</dd>
                <dd>采购平台</dd>
                <dd>开发者平台</dd>
            </dl>
        </div>
        <div class="footer-top-right fr">
            <p><a href="#" class="iconfont icon-liaotian">在线客服</a></p>
            <p>400-678-9688</p>
```

```
                    <p>24小时全国服务热线</p>
                </div>
            </div>
            <div class="footer-bottom clearfix">
                <div class="footer-bottom-left fl">
                    Copyright ©2011-2019 广东步步高电子工业有
限公司 版权所有 保留一切权利 |
                    <a href="#">隐私政策</a>
                    |
                    <a href="#">法律声明 </a>
                    |
                    <a href="#">粤B2-20080267 </a>
                    |
                    <a href="#">粤ICP备05100288号</a>
                    <img src="images/gssw-icon.png"
alt="">
                </div>
                <div class="footer-bottom-right fr">
                    <a href="#">关于vivo</a>
                    <a href="#" class="iconfont icon-wang
gediqiu">中国</a>
                </div>
            </div>
        </div>
    </div>
</body>

</html>
```

59. 响应式-平板样式上(掌握)

不要自己写 `CSS` 选择器，而是要用开发者工具来写。

60. 响应式-平板样式下(掌握)

文字会给浮动换行（浮动元素字围现象）

---

61. 响应式-手机样式(掌握)

水平排列的伸缩布局，变成垂直排列的伸缩布局:

- 告诉伸缩容器需要换行 `flex-wrap: wrap;`
- 每个伸缩项的宽度设置为 `100%`

`index.html`

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>vivo-智能手机官方网站</title>
    <link rel="stylesheet" href="font/iconfont.css">
    <link rel="stylesheet" href="css/reset.css">
    <link rel="stylesheet" href="css/base.css">
    <!--<style>
        div{
            background: red;
        }
        div{
            background: green;
        }
    </style>-->
    <!--<link rel="stylesheet" href="css/index.css" media="screen and (min-width: 1200px)">-->
    <!--
    1.如果给电脑的CSS添加条件，那么在平板和手机上所有的样式都会效果，那么如果平板和手机上有和电脑上相同的样式也不能复用
    2.所有我们不要给电脑的CSS添加条件，这样无论浏览器的宽度是多少，电脑的CSS文件都会被执行，我们只需要在平板或者手机对应的CSS文件中通过相同的选择器覆盖掉不同的样式即可
```

```
        3.降低了代码的冗余

        4.企业开发中编写响应式网站的步骤
        4.1编写电脑版本的网页
        4.2编写平板版本的网页， 通过相同的选择器覆盖掉不同的样式
        4.3编写手机版本的网页， 通过相同的选择器覆盖掉不同的样式
        -->
    <link rel="stylesheet" href="css/index.css">
    <link rel="stylesheet" href="css/index-pad.css"
media="screen and (max-width: 1199px)">
    <link rel="stylesheet" href="css/index-phone.css"  me
dia="screen and (max-width: 768px)">
</head>
<body>
<div class="header">
    <div class="header-top">
        <ul class="header-left clearfix">
            <li><a href="#">品牌</a></li>
            <li><a href="#">Funtouch OS</a></li>
            <li><a href="#">体验店</a></li>
            <li><a href="#">政企业务</a></li>
            <li><a href="#">社区</a></li>
        </ul>
        <ul class="header-right">
            <li><a href="#">购物车</a></li>
            <li><a href="#">注册</a></li>
            <li>|</li>
            <li><a href="#">登录</a></li>
        </ul>
    </div>
    <div class="header-bottom">
        <h1 class="logo"><a href="#" class="iconfont icon
-vivo"></a></h1>
        <ul class="header-middle clearfix nav1">
            <li><a href="#">iQOO专区</a></li>
            <li><a href="#">NEX系列</a></li>
            <li><a href="#">X系列</a></li>
            <li><a href="#">Z系列</a></li>
            <li><a href="#">Y系列</a></li>
            <li><a href="#">U系列</a></li>
            <li><a href="#">商城</a></li>
```

```html
                <li><a href="#">服务</a></li>
            </ul>
            <ul class="header-middle clearfix nav2">
                <li><a href="#">iQOO</a></li>
                <li><a href="#">NEX</a></li>
                <li><a href="#">X</a></li>
                <li><a href="#">Z</a></li>
                <li><a href="#">Y</a></li>
                <li><a href="#">U</a></li>
                <li><a href="#">商城</a></li>
                <li><a href="#">服务</a></li>
            </ul>
            <div class="search">
                <a href="#" class="iconfont icon-icon-"></a>
            </div>
        </div>
        <div class="header-phone">
            <a href="#" class="iconfont icon-caidan"></a>
            <h1><a href="#" class="iconfont icon-vivo"></a>
</h1>
            <a href="#" class="iconfont icon-baobao"></a>
        </div>
</div>
<div class="main">
    <div class="main-top">
        <ul>
            <li><a href="#"><img src="images/banner.jpg"
alt=""></a></li>
            <li><a href="#"><img src="images/banner-phon
e.jpg" alt=""></a></li>
        </ul>
        <ol class="clearfix">
            <li></li>
            <li></li>
            <li></li>
            <li></li>
        </ol>
        <div>
            <i></i>
            <i></i>
            <i></i>
```

```html
                <p>
                    <span>立即前往</span>
                    <b></b>
                </p>
            </div>
        </div>
        <div class="main-bottom">
            <div>
                <a href="#">
                    <div class="bottom-title">
                        <h2>NEX旗舰版</h2>
                        <p>了解详情</p>
                    </div>
                    <img src="images/vivo-promos-1.jpg"
alt="">
                </a>
            </div>
            <div>
                <a href="#">
                    <div class="bottom-title">
                        <h2>玩家眼中iQOO什么样? </h2>
                        <p>立即围观</p>
                    </div>
                    <img src="images/vivo-promos-2.jpg"
alt="">
                </a>
            </div>
            <div>
                <a href="#">
                    <div class="bottom-title">
                        <h2>Z1青春版</h2>
                        <p>了解详情</p>
                    </div>
                    <img src="images/vivo-promos-3.jpg"
alt="">
                </a>
            </div>
            <div>
                <a href="#">
                    <div class="bottom-title">
                        <h2>iQOO新品晒单</h2>
```

```html
                <p>旗舰新品等你拿</p>
            </div>
            <img src="images/vivo-promos-4.jpg"
alt="">
        </a>
    </div>
</div>
</div>
<div class="footer">
    <div class="footer-in">
        <div class="footer-top clearfix">
            <div class="footer-top-left fl">
                <dl>
                    <dt>热门链接</dt>
                    <dd>NEX双屏版</dd>
                    <dd>X23</dd>
                    <dd>Z3</dd>
                    <dd>vivo摄影</dd>
                    <dd>查找手机</dd>
                    <dd>常见问题</dd>
                </dl>
                <dl>
                    <dt>在线购买</dt>
                    <dd>官方商城</dd>
                    <dd>选购手机</dd>
                    <dd>选购配件</dd>
                    <dd>政企服务</dd>
                    <dd>以旧换新</dd>
                    <dd>服务保障</dd>
                </dl>
                <dl>
                    <dt>服务支持</dt>
                    <dd>服务首页</dd>
                    <dd>服务网点查询</dd>
                    <dd>真伪查询</dd>
                    <dd>服务政策</dd>
                    <dd>预约维修</dd>
                    <dd>维修配件价格</dd>
                </dl>
                <dl>
                    <dt>vivo社区</dt>
```

```html
                <dd>社区首页</dd>
                <dd>摄影专区</dd>
                <dd>贴吧</dd>
                <dd>兴趣部落</dd>
                <dd>新手课堂</dd>
                <dd>社区规则</dd>
            </dl>
            <dl>
                <dt>关于vivo</dt>
                <dd>vivo简介</dd>
                <dd>工作机会</dd>
                <dd>新闻资讯</dd>
                <dd>采购平台</dd>
                <dd>开发者平台</dd>
            </dl>
        </div>
        <div class="footer-top-right fr">
            <p><a href="#" class="iconfont icon-liaot
ian">在线客服</a></p>
            <p>400-678-9688</p>
            <p>24小时全国服务热线</p>
        </div>
    </div>
    <div class="footer-bottom clearfix">
        <div class="footer-bottom-right fr">
            <a href="#">关于vivo</a>
            <a href="#" class="iconfont icon-wanggedi
qiu">中国</a>
        </div>
        <div class="footer-bottom-left fl">
            Copyright ©2011-2019 广东步步高电子工业有限公
司 版权所有 保留一切权利 |
            <a href="#">隐私政策</a>
            |
            <a href="#">法律声明 </a>
            |
            <a href="#">粤B2-20080267 </a>
            |
            <a href="#">粤ICP备05100288号</a>
            <img src="images/gssw-icon.png" alt="">
        </div>
```

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

```css
/*头部开始*/
.header{
    width: 100%;
    position: absolute;
    left: 0;
    top: 0;
    z-index: 999;
}
.header>.header-top{
    width: 100%;
    height: 40px;
    line-height: 40px;
    background: #333;
    padding: 0 48px;
    box-sizing: border-box;
    display: flex;
    justify-content: space-between;
}
.header-top>ul{
    list-style: none;
}
.header-top>ul>li{
    float: left;
    margin-right: 42px;
    color: #ccc;
}
.header-top>ul>li:last-child{
    margin-right: 0;
}
.header-top>ul>li:hover a{
    color: #666;
}
```

```css
.header-top>ul>li>a{
    font-size: 14px;
    color: #ccc;
    font-weight: 400;
}
.header>.header-bottom{
    width: 1200px;
    height: 60px;
    line-height: 60px;
    margin: 0 auto;
    display: flex;
    justify-content: space-between;
}
.header-bottom>.logo>a{
    font-size: 100px;
    color: #fff;
}
.header-bottom>.logo:hover a{
    color: #417fff;
}
.header-bottom>.header-middle{
    list-style: none;
}
.header-bottom>.header-middle>li{
    float: left;
    margin: 0 28px;
}
.header-bottom>.header-middle>li:hover a{
    color: #415fff;
}
.header-bottom>.header-middle>li>a{
    font-size: 16px;
    color: #000;
}
.header-bottom>.search>a{
    font-size: 30px;
    color: #ccc;
}
/*头部结束*/
/*内容开始*/
.main{
```

```css
    width: 100%;
    margin-top: 40px;
}
.main>.main-top{
    width: 100%;
    position: relative;
}
.main>.main-top img{
    width: 100%;
    vertical-align: bottom;
}
.main>.main-top>ol{
    position: absolute;
    left: 50%;
    transform: translateX(-50%);
    bottom: 40px;
}
.main>.main-top>ol>li{
    float: left;
    width: 40px;
    height: 5px;
    background: rgba(255,255,255,0.5);
    margin: 0 4px;
}
.main>.main-top>div{
    position: absolute;
    top: 50%;
    transform: translateY(-50%);
    left: 20%;
}
.main>.main-top>div i{
    display: block;
    width: 304px;
    height: 45px;
    background: url("./../images/vivo-banner-title1.png")
 no-repeat;
}
.main>.main-top>div i:nth-child(2){
    background: url("./../images/vivo-banner-title2.png")
 no-repeat;
}
```

```css
.main>.main-top>div i:nth-child(3){
    background: url("./../images/vivo-banner-title3.png")
 no-repeat;
}
.main>.main-top>div p{
    width: 304px;
    text-align: center;
    color: rgba(255,255,255,0.5);
    margin-top: 60px;
    transition: all 0.5s;
}
.main>.main-top>div p:hover{
    color: #fff;
}
.main>.main-top>div p:hover b{
    width: 70px;
    background: #fff;
}
.main>.main-top>div span{
    display: block;
}
.main>.main-top>div b{
    display: inline-block;
    width: 16px;
    height: 2px;
    background: rgba(255,255,255,0.5);
    margin-bottom: 8px;
    transition: all 0.5s;
}
.main>.main-bottom{
    width: 100%;
    display: flex;
    margin-top: 5px;
}
.main>.main-bottom>div{
    flex: 1;
    overflow: hidden;
    position: relative;
    height: 300px;
}
.main>.main-bottom>div img{
```

```css
        position: absolute;
        left: 50%;
        transform: translateX(-50%);
    }
    .main-bottom .bottom-title{
        position: absolute;
        left: 0;
        top: 25px;
        z-index: 888;
        width: 100%;
        text-align: center;
        color: #333;
    }
    .main-bottom>div:nth-child(even) .bottom-title{
        color: #fff;
    }
    .main-bottom .bottom-title h2{
        font-size: 16px;
        font-weight: 500;
    }
    .main-bottom .bottom-title p{
        font-size: 14px;
        margin-top: 10px;
    }
    /*内容结束*/
    /*底部开始*/
    .footer{
        width: 100%;
        background: #f7f7f7;
        padding-top: 60px;
    }
    .footer>.footer-in{
        width: 1200px;
        margin: 0 auto;
    }
    .footer-in>.footer-top{
        padding-bottom: 76px;
        border-bottom: 1px solid #333;
    }
    .footer-in>.footer-top>.footer-top-left{
        width: 75%;
```

```css
    display: flex;
    justify-content: space-between;
}
.footer-top>.footer-top-left dt{
    font-size: 16px;
    font-weight: 700;
    line-height: 17px;
    margin-bottom: 40px;
}
.footer-top>.footer-top-left dd{
    font-size: 14px;
    line-height: 17px;
    color: #666;
    margin-bottom: 18px;
}
.footer-in>.footer-top>.footer-top-right{
    width: 25%;
    text-align: center;
}
.footer-top>.footer-top-right>p:nth-child(1) a{
    font-size: 22px;
    color: #666;
}
.footer-top>.footer-top-right>p:nth-child(2){
    margin-top: 60px;
    font-size: 24px;
    color: #415fff;
}
.footer-top>.footer-top-right>p:nth-child(3){
    font-size: 14px;
    color: #333;
}
.footer-in>.footer-bottom{
    padding: 10px 0;
    font-size: 12px;
    color: #666;
}
.footer-in>.footer-bottom a{
    color: #666;
}
.footer-bottom>.footer-bottom-right a{
```

```css
        font-size: 12px;
    }
    .footer-bottom>.footer-bottom-right a:last-child{
        margin-left: 60px;
    }
    /*底部结束*/
    /*响应式网页兼容开始*/
    .nav2{
        display: none;
    }
    .header-phone{
        display: none;
    }
    .main>.main-top li:nth-child(2){
        display: none;
    }
    /*响应式网页兼容结束*/
```

base.css

```css
    .fl{
        float: left;
    }
    .fr{
        float: right;
    }
    .clearfix::after{
        /*设置添加的子元素的内容为空*/
        content: "";
        /*设置添加的子元素为块级元素*/
        display: block;
        /*设置添加的子元素的高度为0*/
        height: 0;
        /*设置添加的子元素看不见*/
        visibility: hidden;
        /*给添加的子元素设置clear: both;*/
        clear: both;
    }
    .clearfix{
```

```
    /*兼容IE6*/
    *zoom:1;
}
```

```
/*头部开始*/
.nav2{
    display: block;
}
.nav1{
    display: none;
}
.toolbar>.header-bottom{
    width: 100%;
    padding: 0 40px;
    box-sizing: border-box;
}
/*头部结束*/
/*内容开始*/
.main>.main-top>div i{
    width: 200px;
    height: 30px;
    background: url("./../images/vivo-banner-title1-mini.
png");
}
.main>.main-top>div i:nth-child(2){
    background: url("./../images/vivo-banner-title2-mini.
png");
}
.main>.main-top>div i:nth-child(3){
    background: url("./../images/vivo-banner-title3-mini.
png");
}
.main>.main-top>div p{
    width: 200px;
    margin-top: 40px;
}
.main>.main-bottom{
```

```css
    flex-wrap: wrap;
    margin-top: 0;
}
.main>.main-bottom>div{
    flex: none;
    width: 50%;
    margin-top: 5px;
}
/*内容结束*/
/*底部开始*/
.footer>.footer-in{
    width: 100%;
    padding: 0 20px;
    box-sizing: border-box;
}
.footer-in>.footer-bottom>.footer-bottom-left{
    float: none;
    width: auto;
    margin-right: 25%;
}
/*底部结束*/
```

index-phone.css

```css
/*头部开始*/
.toolbar>.header-top{
    display: none;
}
.toolbar>.header-bottom{
    display: none;
}
.toolbar>.header-phone{
    width: 100%;
    height: 100px;
    line-height: 100px;
    padding: 0 20px;
    box-sizing: border-box;
    display: flex;
    justify-content: space-between;
}
```

```css
.toolbar>.header-phone a{
    font-size: 40px;
    color: #fff;
}
.toolbar>.header-phone>h1 a{
    font-size: 100px;
}
/*头部结束*/
/*内容开始*/
.main{
    margin-top: 0;
}
.main>.main-top>div{
    display: none;
}
.main>.main-top li:nth-child(1){
    display: none;
}
.main>.main-top li:nth-child(2){
    display: block;
}
.main>.main-bottom>div{
    width: 100%;
}
.main>.main-bottom>div img{
    width: 100%;
    height: 100%;
}
/*内容结束*/
/*底部开始*/
.footer>.footer-in{
    padding: 0 60px;
    box-sizing: border-box;
}
.footer-in>.footer-top>.footer-top-left{
    float: none;
    width: 100%;
    flex-wrap: wrap;
}
.footer-in>.footer-top>.footer-top-left dl{
    width: 100%;
```

```css
}
.footer-top>.footer-top-left dd{
    display: none;
}
.footer-in>.footer-top>.footer-top-right{
    float: none;
    width: 100%;
}
.footer-top>.footer-top-left dt{
    font-size: 25px;
    font-weight: 400;
    height: 50px;
    line-height: 50px;
    color: #666;
}
.footer-top>.footer-top-left dt::after{
    content: "";
    float: right;
    width: 20px;
    height: 20px;
    background: url("./../images/add.png") center center
 no-repeat;
    background-size: 20px 20px;
}
.footer-in>.footer-top>.footer-top-right p:nth-child(1){
    float: left;
}
.footer-top>.footer-top-right>p:nth-child(1) a{
    font-size: 30px;
    color: #415fff;
}
.footer-top>.footer-top-right>p{
    text-align: right;
}
.footer-top>.footer-top-right>p:nth-child(3){
    font-size: 18px;
}
.footer-in>.footer-bottom>.footer-bottom-right{
    float: none;
    padding: 10px 0;
}
```

```
.footer-bottom>.footer-bottom-right a{
    font-size: 23px;
}
.footer-in>.footer-bottom>.footer-bottom-left{
    font-size: 18px;
}
/*底部结束*/
```

电脑端

平板端

手机端

完成于 `2019.8.22`