LAB FOR SESSION 9

A. OBJECTIVES

- Using semantic tag to layout website: hearder, nav, footer, session, aside, article.

- Using Floating and Positioning.

- Understanding how is web page layed out

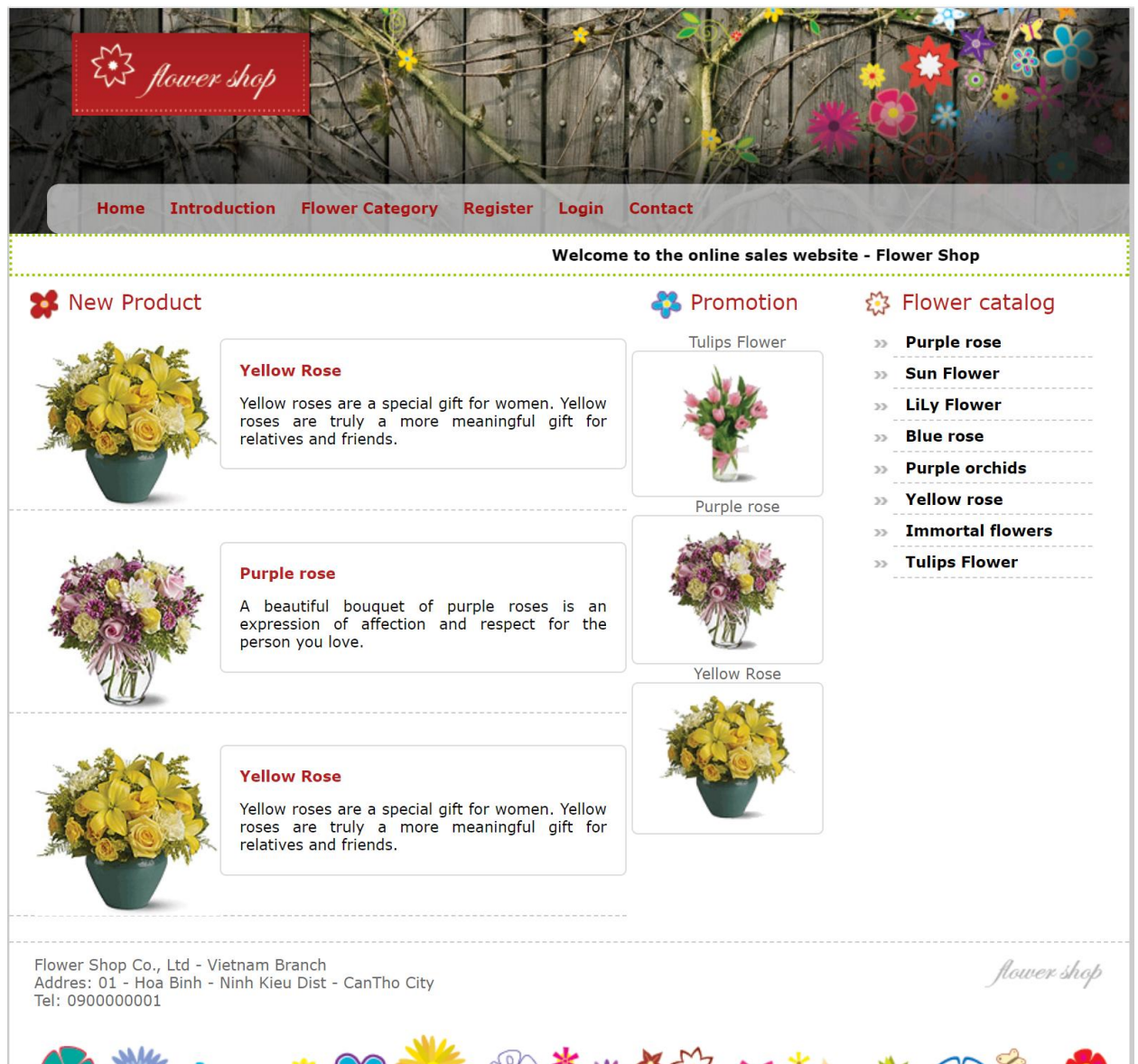## B. STEP BY STEP EXERCISES

1. Create website layout "Flower Shop"

Figure 9.1

Hint:

- **Step 1:** Create file with named *"style.css"* to format web page.

- **Step 2:** Create file with named *"index.html"*, and then create banner, logo and navigation bar of website.

```html
<!DOCTYPE html>
<html>
<head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
    <title>Flower website</title>
    <link rel="stylesheet" href="style.css" />
</head>
<body>
    <div id="wrap">
        <header id="header">
            <div id="logo"><img src="images/logo.gif" width="191" height="66" alt="Flower Shop" />
            </div>
            <nav id="menu_top">
                <ul class="level1">
                    <li><a href="#">Home</a></li>
                    <li><a href="#">Introduction</a></li>
                    <li><a href="#">Flower Category</a>
                        <ul class="level2">
                            <li><a href="#">Sun Flower</a></li>
                            <li><a href="#">Rose Flower</a></li>
                            <li><a href="#">Lily Flower</a></li>
                            <li><a href="#">Tulips Flower</a></li>
                        </ul>
                    </li>
                    <li><a href="dangky.html">Register</a></li>
                    <li><a href="#">Login</a></li>
                    <li><a href="lienhe.html">Contact</a></li>
                </ul>
            </nav>
        </header>
```

- **Step 3:** Update *"style.css"* file to format header of web page by type the following code:

```css
/* CSS Document */
BODY {
    margin: auto;
    padding: 0px;
    background: ☐#CCCCCC;
    font-family: Verdana, Geneva, sans-serif;
    font-size: 12px;
}
#wrap {
    background: ☐#ffffff;
    margin: auto;
    width: 900px;
    height: auto;
}
header {
    background: url(images/header.jpg);
    height: 181px;
    width: 900px;
}
#logo {
    padding: 20px 0 0 50px;
}
#menu_top {
    margin-top: 55px;
    margin-left: 30px;
    background: ☐#ffffff;
    height: 40px;
    opacity: 0.6;
    border-radius: 10px 0px 0px 10px;
}
```

```css
.level1 {
    clear: both;
    list-style-type: none;
    padding-top: 12px;
    opacity: 1.0;
    color: #000;
    position: relative;
}
.level1 li {
    display: inline;
    float: left;
    padding: 0px 20px 0px 0px;
    height: 27px;
    font-weight: bold;
}
.level1 li a,
.level1 li a:visited {
    color: red;
    text-decoration: none;
}
.level1 li a:hover {
    color: green;
}
.level2 {
    display: none;
    position: absolute;
    padding: 0px;
    margin-top: 11px;
}
.level1 li:hover>.level2 {
    display: block;
}
.level2 li {
    float: none;
    position: relative;
    display: block;
    padding: 10px;
    height: auto;
    background: #ccc;
}
.level2 li:hover {
    background: #CC0;
}
```

- **Step 4:** Adding "Welcome to the online sales Website – Flower Shop".

```
<div id="welcome">
    <marquee direction="left" behavior="scroll" scrollamount="4">
        Welcome to the online sales website - Flower Shop
    </marquee>
</div>
```

And then, type the following code into *"style.css"* file

```
#welcome {
    background: ☐#fff;
    padding: 8px;
    vertical-align: middle;
    border: dotted 2px ■#9C0;
    font-weight: bold;
}
```

- **Step 5:** Adding *"New Product"* into website

```
<section id="center_content">
    <div id="left">
        <div class="title"><img src="images/bullet1.gif" align="top" /> New Product</div>
        <div class="product">
            <div class="img"><img src="images/prod1.gif" /></div>
            <div class="description">
                <p class="name">Yellow Rose</p>
                <p class="about">Yellow roses are a special gift for women.
                    Yellow roses are truly a more meaningful gift for relatives and friends.</p>
            </div>
        </div>
        <div class="product">
            <div class="img"><img src="images/prod2.gif" /></div>
            <div class="description">
                <p class="name">Purple rose</p>
                <p class="about">A beautiful bouquet of purple roses is an expression of affection
                    and respect for the person you love.</p>
            </div>
        </div>
        <div class="product">
            <div class="img"><img src="images/prod1.gif" /></div>
            <div class="description">
                <p class="name">Yellow Rose</p>
                <p class="about">Yellow roses are a special gift for women.
                    Yellow roses are truly a more meaningful gift for relatives and friends.</p>
            </div>
        </div>
    </div>
</section>
```

And then, type the following into *"style.css"* file

```css
#center_content {
    background: url(images/center_bg.gif) repeat-y;
    width: 900px;
}
#center_content #left {
    width: 500px;
    min-height: 200px;
    float: left;
}
.title {
    color: ■#B81F22;
    font-size: 17px;
    float: left;
    margin: 10px 10px 10px 15px;
}
.product {
    border-bottom: dashed 1px ▢#ccc;
    float: left;
    margin-top: 5px;
    margin-bottom: 20px;
}
.product .img {
    clear: both;
    float: left;
    margin-left: 20px;
}

.product .description {
    float: right;
    width: 295px;
    padding: 5px 15px;
    border: solid 1px ▢#ddd;
    border-radius: 5px;
}

.product .name {
    color: ■#B81F22;
    font-weight: bold;
}

.product .about {
    text-align: justify;
}
```

- **Step 6**: Adding *"Promotion"* into website

```
<div id="right">
    <div id="promotion">
        <div class="title"><img src="images/bullet2.gif" align="top" /> Promotion</div>
        <div class="product_small">
            <div class="name">Tulips Flower</div>
            <div class="img"><img src="images/thumb1.gif" /></div>
        </div>
        <div class="product_small">
            <div class="name">Purple rose</div>
            <div class="img"><img src="images/thumb2.gif" /></div>
        </div>
        <div class="product_small">
            <div class="name">Yellow Rose</div>
            <div class="img"><img src="images/thumb3.gif" /></div>
        </div>
    </div>
</div>
```

And then, type the following into **"style.css"** file

```css
#center_content #right {
    width: 380px;
    min-height: 200px;
    float: right;
}


#promotion {
    float: left;
    width: 170px;
}
.product_small {
    margin-bottom: 15px;
}

.product_small .name {
    text-align: center;
    color: #666;
}

.product_small .img {
    border-radius: 5px;
    border: solid 1px #ddd;
    text-align: center;
    padding: 10px;
    width: 132px;
    float: left;
}
```

- **Step 7:** Adding **"Flower catalog"** into website.

```
        <aside id="categories">
            <div class="title"><img src="images/bullet5.gif" align="top" /> Flower catalog</div>
            <ul class="menu_right">
                <li>Purple rose</li>
                <li>Sun Flower</li>
                <li>LiLy Flower</li>
                <li>Blue rose</li>
                <li>Purple orchids</li>
                <li>Yellow rose</li>
                <li>Immortal flowers</li>
                <li>Tulips Flower</li>
            </ul>
        </aside>
```

And then, type the following into *“style.css”* file

```
#categories {
    float: left;
    width: 200px;
}

.menu_right {
    list-style-type: none;
    list-style-image: url(images/left_menu_bullet.gif);
}

.menu_right li {
    padding: 5px 5px 5px 10px;
    border-bottom: dashed 1px ☐#ccc;
    font-weight: bold;
}
```

- **Step 8:** Adding *Footer* into website.

```
        <div style="clear:both"></div>
        <footer id="footer">
            <div class="left"> Flower Shop Co., Ltd - Vietnam Branch
                <br /> Addres: 01 - Hoa Binh - Ninh Kieu Dist - CanTho City
                <br /> Tel: 0900000001
            </div>
            <div class="right"><img src="images/footer_logo.gif" width="97" height="29" />
            </div>
        </footer>
    </div>
</body>

</html>
```

And then, type the following into *“style.css”* file

```
#footer {
    background: url(images/footer_bg.gif) no-repeat bottom;
    height: 100px;
    border-top: dashed 1px ⬜#ccc;
}

#footer .left {
    float: left;
    width: 600px;
    padding: 10px 10px 10px 20px;
    color: ⬛#666666;
}

#footer .right {
    float: right;
    padding: 10px 20px 10px 10px;
}
```