14CS2053 – Web Technology Lab | UR14CS228

Ex. No. 3	Design a webpage using HTML5 and CSS3		
Date of Exercise	22-08-2016	Date of Upload	03-09-2016

Aim

Create a webpage using proper HTML5 and CSS3. Page should have semantic tags header, section and footer.

Video URL : https://youtu.be/qvJpRJQD3tw

Program

```html
<!DOCTYPE html>

<html>

    <head>

        <title>UR14CS228_ex3</title>

        <meta charset="UTF-8">

        <meta name="viewport" content="width=device-width, initial-scale=1.0">

        <link rel="stylesheet" type="text/css" href="root.css">

    </head>

    <body>

        <header><h1>Gru Labs</h1></header>


        <nav>

            <ul>

                <li><a href="#">Home</a></li>

                <li><a href="#">About Us</a></li>

                <li><a href="#">Resource</a></li>

                <li><a href="#">Download</a></li>

                <li><a href="#">Contact</a></li>

            </ul>

        </nav>


        <div id="content">
```

```
<div id="banner">

    <img src="banner.jpg" alt="Banner image">

    <h3></h3>

</div>


<div id="blocks-3">

    <div class="imgs">

    <a href="#">

        <img alt="about image" src="about.jpg">

        <h1> </h1>

        <h3><a href="#">About Us</a></h3>

    </a>

    </div>


    <div class="imgs">

        <img alt="resoure image" src="1.jpg">

        <h3><a href="#">Resource</a></h3>

    </div>

    <div class="imgs">

        <img alt="Contact image" src="2.jpg">

        <h3><a href="#">Contact Us</a></h3>

    </div>

    </div>


    <divs>

    <section>

        <h3>Sub Heading-1</h3>

            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod
tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud
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laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in
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non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
```

```
                    </section>

                    <section>

                        <h3>Sub Heading-2</h3>

                            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod
tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud
exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in
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voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat
non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>

                    </section>

                </div>


            </div>


            <footer id="footer">

                <h2>Address</h2><br>

                <h4>Door No., Street Name, City, State-Pincode</h4>

            </footer>


        </body>

</html>
```

CSS STYLESHEET

```
*{

    margin: 0;

    padding: 0;

    font-family: arial !important;

    border: 0;

}


header{

    padding: 30px;

    text-align: center;
```

```css
    background-color: #30505C;

    color: #fff;

}


nav{

    text-align: center;

    background-color: #555;

    padding: 20px;

}


nav ul li{

    display: inline-block;

}


nav ul li a{

    padding: 20px 50px;

    color: #ccc;

    text-decoration: none;

}


nav ul li a:hover{

    background-color: #333;

    color: #fff;

}


img{

    width: 100%;

    height: 380px;

}
```

```
.imgs{

    width: 29.333%;

    margin: 2%;

    float: left;

    position: relative;

}


.imgs:hover{

    opacity: 0.8;

    background-color: #0C80A8;

}


.imgs h3{

    background-color: #000;

    opacity: 0.5;

    padding: 20px 0 20px 0;

    position: absolute;

    width: 100%;

    bottom: 0;

    margin: 0;

    text-align: center;

}
.imgs h3 a{

    text-decoration: none;

    color: #fff;

}


section{

    width: 44%;

    margin: 2%;
```

```
    background-color: #13616A;

    float: left;

    padding:1%;

    color: #fff;

}

 section h3{

    margin: 10px;

    text-align: right;

    font-size: 200%;

}

section p{

    text-align: justify;

}


#footer{

    padding: 2%;

    text-align: center;

    color: #fff;

    background-color: #063140;

    bottom: 0px;

}

#footer h2{

    border-bottom: 2px solid #fff;

}
```
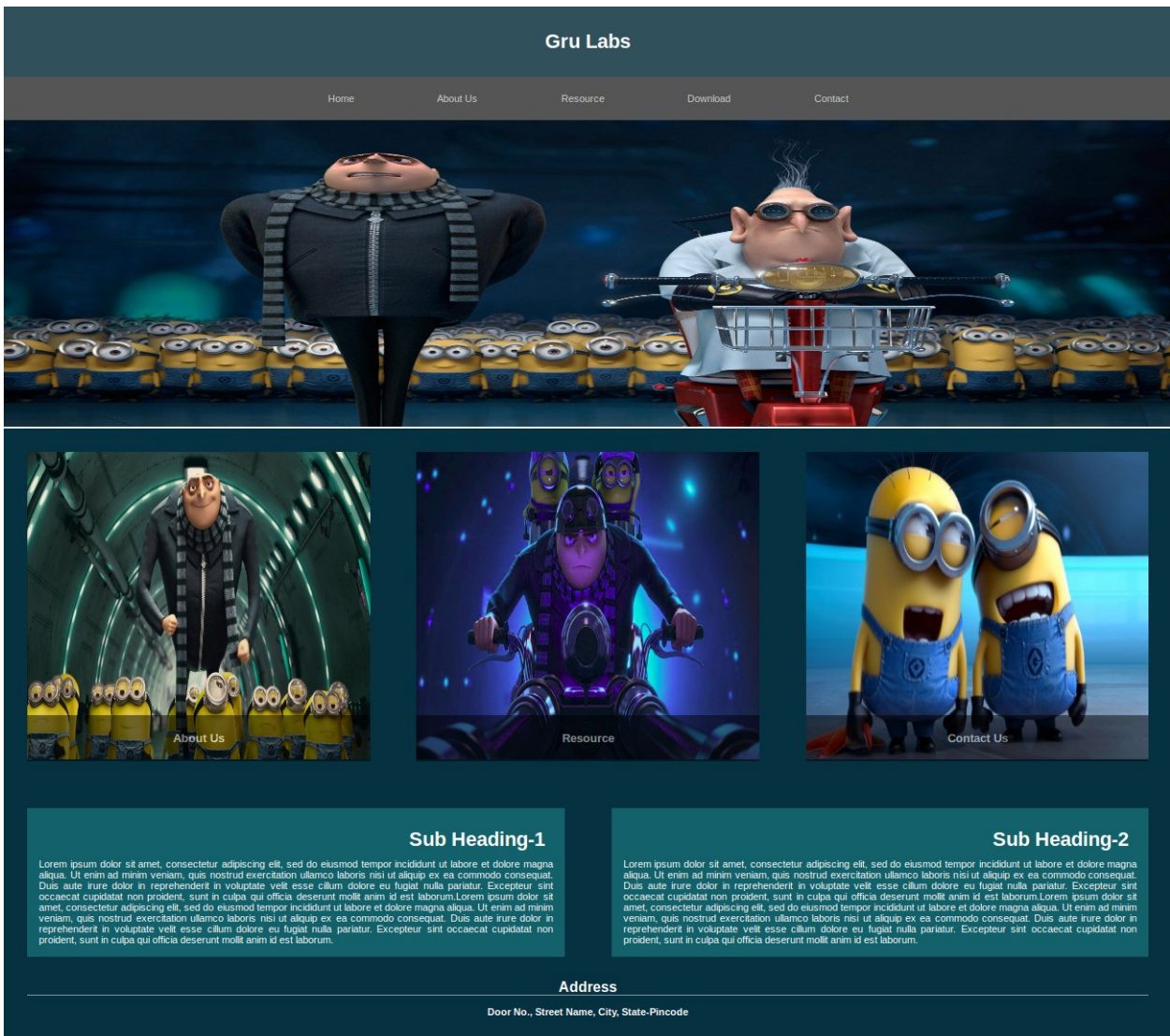
Output :

Result

The experiment has been successfully completed.

Staff : Mrs. Anitha Christy