CSS CODE

```css
@import url(https://fonts.googleapis.com/css?family=Open+Sans);

@import url(https://fonts.googleapis.com/css?family=Merriweather);


/* general text formatting */

h1, h2, h3 {
 font-family: 'Merriweather', serif;
}
h1 {
  text-align: center;
  font-weight: bold;
  font-size: 36px;
  max-width: 1550px;
}
h2 {
  background-color: #616161;
  color: white;
  padding: 0.25em;
  text-align: center;
  font-weight: bold;
  font-size: 24px;
  max-width: 1550px;
}

body {
  font-family: 'Open Sans', Arial, sans-serif;
```

```css
    font-size: 18px;

    background-color: #F5F5F5;

}


section {

    margin: 2em auto;

    clear: left;


    width: 90%;

}



figure {

     float: left;

     margin: 0 10px;



}
figcaption {

    margin-bottom: 1em;

}
```

HTML CODE

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>Chapter 6</title>
  <link rel="stylesheet" href="styles.css" />
```

```html
</head>
<body>
  <h1> Image Comparisons</h1>
  <section>
    <h2>JPG Quality</h2>
    <figure>
      <img id="Quality" src="images\artwork-quality100.jpg" alt="100 Quality" width="450">
      <figcaption>100 Quality [364KB]</figcaption>
    </figure>
    <figure>
      <img id="Quality" src="images\artwork-quality50.jpg" alt="50 Quality" width="450">
      <figcaption>50 Quality [44.4KB]</figcaption>
    </figure>
    <figure>
      <img  id= "Quality" src="images\artwork-quality10.jpg" alt="10 Quality" width="450">
      <figcaption>10 Quality [28.4KB]</figcaption>
    </figure>
  </section>

  <section>
    <h2>PNG Bit Depth</h2>
    <figure>
      <img src="images\artwork-256color.png" alt="256 Colors" >
      <figcaption>256 Colors [137 KB]</figcaption>
    </figure>
    <figure>
      <img src="images\artwork-128color.png" alt="128 Colors" >
      <figcaption>128 Colors [53.3 KB]</figcaption>
    </figure>
```

```
    <figure>

        <img src="images\artwork-64color.png" alt="64 Colors" >

        <figcaption>64 Colors [46.7 KB]</figcaption>

    </figure>

    <figure>

        <img src="images\artwork-32color.png" alt="32 Colors" >

        <figcaption>32 Colors [38.5 KB]</figcaption>

    </figure>

    <figure>

        <img src="images\artwork-16color.png" alt="16 Colors" >

        <figcaption>16 Colors [32.9 KB]</figcaption>

    </figure>

</section>


<section>

    <h2>Raster Resizing</h2>

    <figure>

        <img src="images\logo-raster.png" alt="Original Size" >

        <figcaption>Original Size [175 x 94]<br>File size 3.87 KB</figcaption>

    </figure>

    <figure>

        <img src="images\logo-raster-2x.png" alt="Double Size" >

        <figcaption>Double Size [350 x 188]<br>File size 20 KB</figcaption>

    </figure>

    <figure>

        <img src="images\logo-raster-3x.png" alt="Triple Size" >

        <figcaption>Triple Size [525 x 282]<br>File size 37.9 KB</figcaption>

    </figure>

</section>
```

```html
  <section>

    <h2>Vector Resizing</h2>

    <figure>

      <img src="https://raw.githubusercontent.com/funwebdev-2nd-ed/ch06-project2-
start/27c57d33ab24187d471ee0cb617a567d853a0c32/logo-vector.svg" alt="Original Size"
width="175">

      <figcaption>Original Size [175 x 94]<br>File size 5 KB</figcaption>

    </figure>

    <figure>

      <img src="https://raw.githubusercontent.com/funwebdev-2nd-ed/ch06-project2-
start/27c57d33ab24187d471ee0cb617a567d853a0c32/logo-vector.svg" alt="Original Size"
width="350">

      <figcaption>Double Size [350 x 188]<br>File size 5 KB</figcaption>

    </figure>

    <figure>

      <img src="https://raw.githubusercontent.com/funwebdev-2nd-ed/ch06-project2-
start/27c57d33ab24187d471ee0cb617a567d853a0c32/logo-vector.svg" alt="Original Size"
width="525">

      <figcaption>Triple Size [525 x 282]<br>File size 5 KB</figcaption>

    </figure>

  </section>

</body>

</html>
```

Image Comparisons

JPG Quality

100 Quality [364KB]

50 Quality [44.4KB]

10 Quality [28.4KB]

PNG Bit Depth

256 Colors [137 KB]

128 Colors [53.3 KB]

64 Colors [46.7 KB]

32 Colors [38.5 KB]

16 Colors [32.9 KB]

Raster Resizing

Original Size [175 x 94]
File size 3.87 KB

Double Size [350 x 188]
File size 20 KB

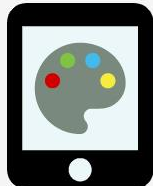Triple Size [525 x 282]
File size 37.9 KB

Vector Resizing

Original Size [175 x 94]
File size 5 KB

Double Size [350 x 188]
File size 5 KB

Triple Size [525 x 282]
File size 5 KB