1. **Inline Styling**

In inline styling, each element is styled differently using 'style' attribute. In the below example for instance, the simple web app elements are styled differently using the "style" attribute inside the tag of the element to be styled. For example, the navigation list has each list item in the unordered list <ul> styled e.g home page has been styled as <li style="display: inline-block; margin: 10px;">Home. The problem of using such an approach to style elements is confusion and repetition. The code is not clean.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Simple Web App</title>
</head>
<body style="font-family: Arial, sans-serif; background-color: #f0f0f0; text-
align: center;">
    <header style="background-color: #333; color: white; padding: 10px;">
        <h1>My Simple Responsive Web App</h1>
    </header>

    <nav>
        <ul style="list-style: none; padding: 0;">
            <li style="display: inline-block; margin: 10px;"><a
href="#">Home</a></li>
            <li style="display: inline-block; margin: 10px;"><a
href="#">About</a></li>
            <li style="display: inline-block; margin: 10px;"><a
href="#">Services</a></li>
            <li style="display: inline-block; margin: 10px;"><a
href="#">Contact</a></li>
        </ul>
    </nav>

    <main style="padding: 20px;">
```

```
        <h2>Welcome to Our Web App</h2>
        <p>This is a simple responsive web app that I created using inline
styling in css.</p>
    </main>

    <footer style="background-color: #333; color: white; padding: 10px;">
        <p>&copy; 2023 Simple Responsive Web App by kemmy limo
            . All rights reserved.</p>
    </footer>
</body>
</html>
```

2. **Embedded Styling**

In the code below, styling (CSS code) has been embedded in the opening and closing tags of the
head of the html code between the <head> </head> section. This approach results in better code
which is cleaner compared to the inline styling above.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Simple Web App</title>
    <link rel="stylesheet" href="style.css">
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f0f0f0;
            text-align: center;
            margin: 0;
            padding: 0;
        }

        header {
            background-color: green;
            color: white;
            padding: 10px;
        }
```

```
        nav ul {
            list-style: none;
            padding: 0;
        }

        nav li {
            display: inline-block;
            margin: 10px;
        }

        main {
            padding: 20px;
        }

        footer {
            background-color:green;
            color: white;
            padding: 10px;
        }
    </style>
</head>
<body>
    <header>
        <h1>Conserve nature save the future</h1>
    </header>

    <nav>
        <ul>
            <li><a href="#">Home</a></li>
            <li><a href="#">About</a></li>
            <li><a href="#">Services</a></li>
            <li><a href="#">Contact</a></li>
        </ul>
    </nav>
    <main>
        <h2>Welcome to Our Website</h2>
        <p>Enjoy the site visit with our affordable offers for family,camping and
more events..</p>
    </main>

    <footer  style="background_color: #333; color:white; padding: 10px;">
        <p>&copy; 2023 Simple Responsive Web App by Kemmy Limo
            . All rights reserved.</p>
    </footer>
```

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

3. External Style

The external styling entails writing html and css code in two separate files. The css file, which in most cases is in the same folder as the html file and is saved and style.css, is referenced in the head section of the html code using the tag <link rel="stylesheet" href="styles.css"> as shown in the code below. This is often the best approach to coding as it makes the code clean, reduces repetition and makes the code appealing. Below are the html and css code respectively.

a. HTML code

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

    <link rel="stylesheet" href="style.css">

</head>
<body style="font-family: Arial, sans-serif; background-color: #f0f0f0; text-
align: center;">
    <header style="background-color:#333; color: white (128, 98, 0); padding:
10px;">
        <h1>Conserve nature save the future</h1>
    </header>

    <nav>
        <ul style="list-style: none; padding: 0;">
            <li style="display: inline-block; margin: 10px;"><a
href="#">Home</a></li>
            <li style="display: inline-block; margin: 10px;"><a
href="#">About</a></li>
```

```html
        <li style="display: inline-block; margin: 10px;"><a
href="#">Services</a></li>
        <li style="display: inline-block; margin: 10px;"><a
href="#">Contact</a></li>
      </ul>
  </nav>

  <main style="padding: 20px;">
    <h2>Welcome to Our website</h2>
    <p>Enjoy the site visit with our affordable offers for family,camping and
more events.</p>
  </main>

  <footer style="background-color: #333; color: white; padding: 10px;">
    <p>&copy; 2023 Simple Responsive Web App by Kemmy limo
        . All rights reserved.</p>
  </footer>
</body>
</html>
```

b. Css code

```css
c.  body {
d.      font-family: Arial, sans-serif;
e.      position: relative;
f.      padding-bottom: 58px;
g.      min-height: 100vh;
h.      background-image: url("img/white horse.jpg");
i.      background-size: cover;
j.      text-align: center;
k.      margin: 0;
l.
m.  }
n.
o.  header {
p.      background-color:blueviolet  ;
q.      color: white;
r.      padding: 10px;
s.  }
t.
u.  nav ul {
v.      list-style: none;
w.      padding: 0;
```

```
x.  }
y.
z.  nav li {
aa.     display: inline-block;
bb.     margin: 50px;
cc. }
dd.
ee. main {
ff.     width: 90vh;
gg.     margin: 0 auto;
hh.     padding: 30px 20px;
ii.
jj.
kk. footer {
ll.     background-color: blueviolet;
mm.     color: white;
nn.     padding: 0px;
oo.     position: absolute;
pp.     bottom: 0;
qq.     width: 100%;
rr. }
ss.
```

Screenshot of the website

Video link: https://www.youtube.com/watch?v=FNv8s0p-vUI