Chapter 2 Practice Set by Munawar

Questions

1. Create a dark blue navigation bar with light color items.

Solution

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Chapter 2 practice set</title>
    <style>
        * {
            margin: 0;
            padding: 0;
        }

        nav {
            background-color: black;
            color: white;
        }
    </style>
</head>

<body>

    <nav>
        <ul>
            <li>Home</li>
            <li>About</li>
            <li>Service</li>
            <li>Contact us</li>
        </ul>
    </nav>
</body>

</html>
```

2. Change the background color of the main container on your page to dark red.

Solution

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Chapter 2 practice set</title>
    <style>
        * {
            margin: 0;
            padding: 0;
        }

        nav {
            background-color: black;
            color: white;
        }

        .mainContainer {
            background-color: red;
            color: white;
        }
    </style>
</head>

<body>

    <nav>
        <ul>
            <li>Home</li>
            <li>About</li>
            <li>Service</li>
            <li>Contact us</li>
        </ul>
    </nav>
    <div class="mainContainer">
        Lorem ipsum dolor sit amet consectetur adipisicing elit. Aliquid,
possimus minima recusandae adipisci laboriosam, optio quidem quisquam sint, quo
earum libero. Iste, quibusdam similique! Hic vitae voluptates ipsum autem labore!
```

```
        </div>
    </body>

    </html>
```

3. Create a div and add a background image with a given width and height.

Solution

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Chapter 2 practice set</title>
    <style>
        * {
            margin: 0;
            padding: 0;
        }

        nav {
            background-color: black;
            color: white;
        }

        .mainContainer {
            background-color: red;
            color: white;
        }

        .bg {
            width: 344px;
            height: 344px;
            background-image: url("profile.png");
            background-repeat: no-repeat;
            background-color: aqua;
            background-size: 343px 343px;
        }
    </style>
</head>

<body>

    <nav>
```

```
    <ul>
        <li>Home</li>
        <li>About</li>
        <li>Service</li>
        <li>Contact us</li>
    </ul>
    </nav>
    <div class="mainContainer">
        Lorem ipsum dolor sit amet consectetur adipisicing elit. Aliquid,
possimus minima recusandae adipisci laboriosam, optio quidem quisquam sint, quo
earum libero. Iste, quibusdam similique! Hic vitae voluptates ipsum autem labore!
    </div>
    <div class="bg">

    </div>
</body>

</html>
```

4. Create a vertical box and add a fixed non scrolling background to it.

Solution

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Chapter 2 practice set</title>
    <style>
        * {
            margin: 0;
            padding: 0;
        }

        nav {
            background-color: black;
            color: white;
        }

        .mainContainer {
            background-color: red;
            color: white;
        }
```

```css
        .bg {
            width: 344px;
            height: 544px;
            background-image: url("profile.png");
            background-repeat: no-repeat;
            background-color: aqua;
            background-size: 343px 343px;
            background-attachment: fixed;
        }
    </style>
</head>

<body>

    <nav>
        <ul>
            <li>Home</li>
            <li>About</li>
            <li>Service</li>
            <li>Contact us</li>
        </ul>
    </nav>
    <div class="mainContainer">
        Lorem ipsum dolor sit amet consectetur adipisicing elit. Aliquid,
possimus minima recusandae adipisci laboriosam, optio quidem quisquam sint, quo
earum libero. Iste, quibusdam similique! Hic vitae voluptates ipsum autem labore!
    </div>
    <div class="bg">

    </div>
</body>

</html>
```

5. Verify that the background shorthand property works with some of the values skipped.

Solution

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

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

```html
    <title>Chapter 2 practice set</title>
    <style>
        * {
            margin: 0;
            padding: 0;
        }

        nav {
            background-color: black;
            color: white;
        }

        .mainContainer {
            background-color: red;
            color: white;
        }

        .bg {
            width: 344px;
            height: 544px;
            background-image: url("profile.png");
            background-repeat: no-repeat;
            background-color: aqua;
            background-size: 343px 343px;
            background-attachment: fixed;
        }

        .div2 {
            height: 300px;
            width: 300px;
            background: url("profile.png") red no-repeat fixed bottom center;
        }
    </style>
</head>

<body>

    <nav>
        <ul>
            <li>Home</li>
            <li>About</li>
            <li>Service</li>
            <li>Contact us</li>
        </ul>
    </nav>
```

```html
    <div class="mainContainer">
        Lorem ipsum dolor sit amet consectetur adipisicing elit. Aliquid,
possimus minima recusandae adipisci laboriosam, optio quidem quisquam sint, quo
earum libero. Iste, quibusdam similique! Hic vitae voluptates ipsum autem labore!
    </div>
    <div class="bg">

    </div>
    <div class="div2">

    </div>
</body>

</html>
```

Thank You