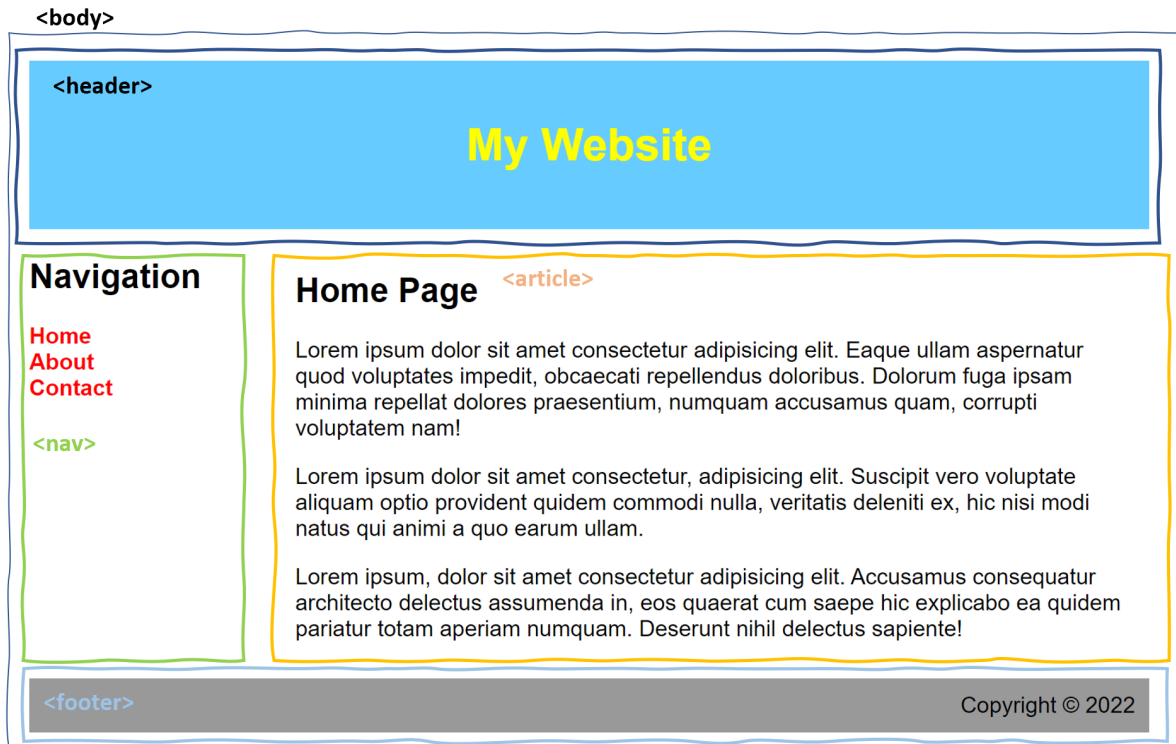


Introduction to Webpage Development

Lab- Let's immerse into the topic with a quick and simple webpage:



- 1- Create the map of the html structure (DOM)
- 2- Create the HTML document setup
- 3- Insert the HTML contents within the proper corresponding tags.
- 4- Modify CSS to implement the colors, fonts, and layout.

At this point it is more important to understand how a webpage is structured and created, rather than coding details. Just follow the instructor comments.

Some Basic tutorials are provided in the class practice documents.

HTML and CSS code is provided as follows:

HTML:

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

<head>
  <meta charset="UTF-8" />
  <meta http-equiv="X-UA-Compatible" content="IE=edge" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

```
<link rel="stylesheet" href="styles.css" />
<title>Holy Grail Webpage</title>
</head>

<body>
  <!-- the following div is just for demonstration -->
  <div id="container">
    <header>
      <h1 style="color: yellow">My Website</h1>
    </header>
    <section>
      <h2>Holy Grail</h2>
      <nav>
        <h2>Navigation</h2>
        <ul>
          <li><a class="selected" href="">Home</a></li>
          <li><a class="selected" href="">About</a></li>
          <li><a class="selected" href="">Contact</a></li>
        </ul>
      </nav>
      <article>
        <h2>Home Page</h2>
        <p>
          Lorem ipsum dolor sit amet consectetur adipisicing elit. Eaque ullam
          aspernatur quod voluptates impedit, obcaecati repellendus doloribus.
          Dolorum fuga ipsam minima repellat dolores praesentium, numquam
          accusamus quam, corrupti voluptatem nam!
        </p>
        <p>
          Lorem ipsum dolor sit amet consectetur, adipisicing elit. Suscipit
          vero voluptate aliquam optio provident quidem commodi nulla,
          veritatis deleniti ex, hic nisi modi natus qui animi a quo earum
          ullam.
        </p>
        <p>
          Lorem ipsum, dolor sit amet consectetur adipisicing elit. Accusamus
          consequatur architecto delectus assumenda in, eos quaerat cum saepe
          hic explicabo ea quidem pariatur totam aperiam numquam. Deserunt
          nihil delectus sapiente!
        </p>
      </article>
    </section>
    <footer>Copyright &copy; 2022</footer>
  </div>
</body>

</html>
```

CSS:

```
body {
  background-color: white;
  width: 800px;
  margin: auto;
  font-family: Arial, Helvetica, sans-serif;
  padding-top: 50px;
}

header {
  background-color: #6cf;
  color: white;
  text-align: center;
  padding: 20px;
}

nav {
  width: 180px;
  float: left;
}

article {
  padding: 10px;
  width: 600px;
  float: left;
}

footer {
  clear: both;
  padding: 10px;
  margin: auto;
  background-color: #999999;
  text-align: right;
}

a {
  text-decoration: none;
  color: red;
}

ul {
  list-style-type: none;
  padding: 0;
}

.selected {
  font-weight: bold;
}
```