

Practical 2, CSS

Qn 1.

```
<!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"
  />
    <title>Question 1</title>
    <link rel="stylesheet" href="qn1.css" />
  </head>
  <body>
    <!-- Ahmad Abdullah, Web Technologies-->
    <main>
      <center>
        <div class="container">
          
          <form>
            <p><input type="text" id="box" /></p>
            <input type="button" value="Goole Search" class="btn"/>
            <input type="button" value="I'm Feeling Lucky" class="btn"/>
          </form>
        </div>
      </center>
    </main>
  </body>
</html>
```

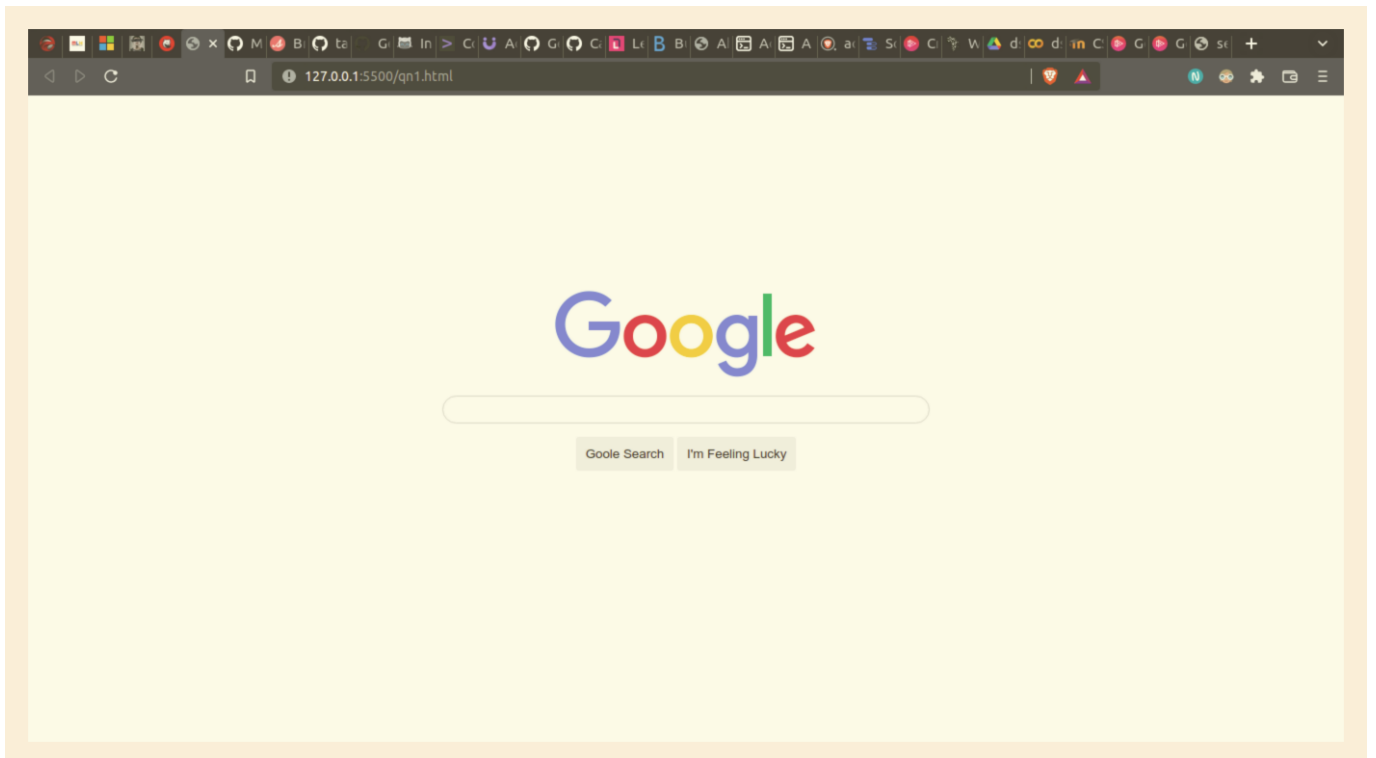
```
/* Qn1 CSS*/

body {
  font-family: Arial, Helvetica, sans-serif;
  font-size: 14px;
}

.container {
  margin-top: 15%;
}
```

```
#box {
  min-width:500px;
  height: 25px;
  border-radius: 24px;
  border: 1px solid lightgray;
}

.btn {
  background-color: #eee;
  padding: 10px;
  border-style: none;
  border-radius: 3px;
  cursor: pointer;
}
```



Q2

```
<!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" />
    <title>Question 2</title>
    <link rel="stylesheet" href="qn2.css" />
  </head>
```

```

<body>
  <!-- Ahmad Abdullah-->

  <p>
    
    Coffee is a brewed drink with a distinct aroma and flavor, prepared
from
    roasted coffee beans, the seed found inside "berries" of the Coffea
plant.
    Coffee plants are cultivated in over 70 countries, primarily in
equatorial
    Latin America, Southeast Asia, India and Africa. The two most
commonly
    grown are the highly regarded arabica, and the less sophisticated but
stronger and more hardy robusta. The latter is resistant to coffee
leaf
    rust, Hemileia vastatrix, but has a more bitter taste. Once ripe,
coffee
    beans are picked, processed and dried. Green (unroasted) coffee beans
are
    one of the most traded agricultural commodities in the world. Once
traded,
    the beans are roasted to varying degrees, depending on the desired
flavor,
    before being ground and brewed to create coffee. Coffee is slightly
acidic
    and can have a stimulating effect on humans because of its caffeine
content. It is one of the most popular drinks in the world. It can be
prepared and presented in variety of ways. The effect of coffee on
human
    health has been a subject of many studies; however, results have
varied in
    terms of coffee's relative benefit. The majority of recent research
suggests that moderate coffee consumption is benign or mildly
beneficial
    in healthy adults. However, the diterpenes in coffee may increase the
risk
    of heart of heart disease.
  </p>
</body>
</html>

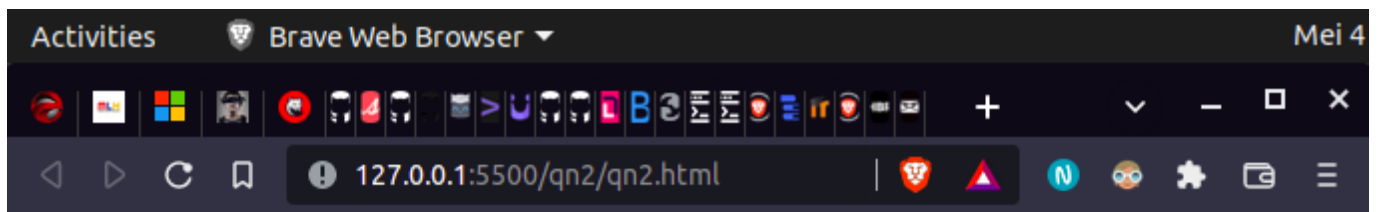
```

```

img {
  float:right;
}

p {
  border: 1px solid;
  max-width: 600px;
}

```



Coffee is a brewed drink with a distinct aroma and flavor, prepared from roasted coffee beans, the seed found inside "berries" of the Coffea plant. Coffee plants are cultivated in over 70 countries, primarily in equatorial Latin America, Southeast Asia, India and Africa. The two most commonly grown are the highly regarded arabica, and the less sophisticated but stronger and more hardy robusta. The latter is resistant to coffee leaf rust, Hemileia vastatrix, but has a more bitter taste. Once ripe, coffee beans are picked, processed and dried. Green (unroasted) coffee beans are one of the most traded agricultural commodities in the world. Once traded, the beans are roasted to varying degrees, depending on the desired flavor, before being ground and brewed to create coffee. Coffee is slightly acidic and can have a stimulating effect on humans because of its caffeine content. It is one of the most popular drinks in the world. It can be prepared and presented in a variety of ways. The effect of coffee on human health has been a subject of many studies; however, results have varied in terms of coffee's relative benefit. The majority of recent research suggests that moderate coffee consumption is benign or mildly beneficial in healthy adults. However, the diterpenes in coffee may increase the risk of heart of heart disease.



Q2a

Home

```
<!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" />
    <title>Ahmad's Corner</title>
    <link rel="stylesheet" href="qn2a.css" />
  </head>
  <body>
    <header>
      <h1>Welcome to Ahmad's Corner</h1>
      <nav>
        <ul>
          <li><a href="./index.html">Home</a></li>
          <li><a href="./interests.html">Interests</a></li>
          <li><a href="./friends.html">Friends</a></li>
        </ul>
      </nav>
    </header>
    <main>
```

```

<article>
  <p>
    Hello there! I'm Ahmad a Computer science student from
    <a href="https://www.suza.ac.tz" target="_blank"
      >The State University of Zanzibar</a
    >. For a long time I wanted to build my own website but didn't
know
    how. Now I am taking a Web Technology course, its exciting.
  </p>
  <p>I think that's enough for today. See you around :)</p>
</article>
<aside>
  <table>
    <thead>
      <tr>
        <th>
          
        </th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>Pycon 2021</td>
      </tr>
    </tbody>
  </table>
</aside>
</main>
<footer>
  <p>&copy; Ahmad Abdullah 2022</p>
</footer>
</body>
</html>

```

Interests

```

<!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"
  />
    <title>Ahmad's Corner | Interests</title>
    <link rel="stylesheet" href="qn2a.css">
  </head>
  <body>

```

```

<header>
  <h1>Welcome to Ahmad's Corner</h1>
  <nav>
    <ul>
      <li><a href="./index.html">Home</a></li>
      <li><a href="./interests.html">Interests</a></li>
      <li><a href="./friends.html">Friends</a></li>
    </ul>
  </nav>
</header>
<main>
  <article>
    <h2>Interests</h2>
    <p>
      I'm interested in anything involving computers and math. But
these are
      the main ones that I'm interested in. In no particular order
    </p>
    <ul>
      <li>Linear Algebra</li>
      <li>Software Development</li>
      <li>Cybersecurity</li>
      <li>Machine learning</li>
      <li>Data Science</li>
      <li>Augmented reality</li>
      <li>Calculus</li>
    </ul>
  </article>
</main>
<footer>
  <p>&copy; Ahmad Abdullah 2022</p>
</footer>
</body>
</html>

```

Friends

```

<!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"
  />
  <title>Ahmad's Corner | Friends</title>
  <link rel="stylesheet" href="qn2a.css">
</head>
<body>
  <header>

```

```

<h1>Welcome to Ahmad's Corner</h1>
<nav>
  <ul>
    <li><a href="./index.html">Home</a></li>
    <li><a href="./interests.html">Interests</a></li>
    <li><a href="./friends.html">Friends</a></li>
  </ul>
</nav>
</header>
<main>
  <article>
    <h2>Meet my friends!</h2>
    <ul>
      <li>
        Ramadhan (<a
          href="https://github.com/Ramadhanmkoma"
          target="_blank"
        >@Ramadhanmkoma</a
        >)
      </li>
      <li>
        Abdulrazak (<a
          href="https://github.com/Abdulrazakmus"
          target="_blank"
        >@Abdulrazakmus</a
        >)
      </li>
      <li>
        Amriya (<a
          href="https://github.com/AmalRawahy"
          target="_blank"
        >@AmalRawahy</a
        >)
      </li>
    </ul>
  </article>
</main>
<footer>
  <p>&copy; Ahmad Abdullah 2022</p>
</footer>
</body>
</html>

```

```

* {
  font-family: "Helvetica Neue", "Helvetica", arial, sans-serif;
}

header h1 {
  font-weight: bolder;
  font-size: 3em;
}

```

```
    margin: 0px 10px;
}

header h2 {
    font-weight: lighter;
    margin: 0px 10px 10px;
}

header nav {
    border-top: 1px solid black;
    border-bottom: 1px solid black;
}

header nav ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
    width: 100%;
    background-color: lightblue;
}

header nav ul li {
    display: inline-block;
}

header nav ul li a {
    display: block;
    color: #000;
    padding: 8px 16px;
    text-decoration: none;
}

header nav ul li a:hover {
    background-color: blue;
}

article {
    margin: 5% 2%;
}

article h2 {
    margin: 0px 10px;
    font-size: 2.3em;
}

footer p {
    color: #9b9b9b;
    border-top: 1px solid #9b9b9b;
    padding: 10px;
}

img {
    width: 90%;
}
```



```
th, td {  
    text-align: center;  
}
```

Welcome to Ahmad's Corner

[Home](#)[Interests](#)[Friends](#)

Hello there! I'm Ahmad a Computer science student from [The State University of Zanzibar](#). For a long time I wanted to build my own website but didn't know how. Now I am taking a Web Technology course, its exciting.

I think that's enough for today. See you around :)





Pycon 2021

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Welcome to Ahmad's Corner

Home

Interests

Friends

Interests

I'm interested in anything involving computers and math. But these are the main ones that I'm interested in. In no particular order

- Linear Algebra
- Software Development

- Software Development
- Cybersecurity
- Machine learning
- Data Science
- Augmented reality
- Calculus

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Welcome to Ahmad's Corner

Home

Interests

Friends

Meet my friends!

- Ramadhan([@Ramadhanmkoma](#))
- Abdulrazak ([@Abdulrazakmus](#))
- Amriya([@AmalRawahy](#))

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Q3a

```
<!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"
  />
  <title>Semantic Html</title>
  <link rel="stylesheet" href="qn3.css">
</head>
<body>
```

```

<!-- Lets learn semantic html-->
<h1>Semantic Html</h1>
<h2>So What is semantic html?</h2>
<p>
    Semantic html is a way to make your html more readable and easier to
    understand.
</p>

<h2>When was semantic html introduced?</h2>
<p>Semantic html was introduced in the late 90s.</p>

<h2>Who introduced semantic html?</h2>
<p>Semantic html was introduced by the <strong>W3C.</strong></p>

<h2>Getting started with semantic html</h2>
<p>
    To get started with semantic html you need to know some basic html
    elements.
</p>
<p>Some of the elements used in semantic html include</p>
<ul>
    <li>Heading</li>
    <li>Paragraph</li>
    <li>List</li>
    <li>Link</li>
    <li>Image</li>
    <li>Form</li>
    <li>Button</li>
    <li>Table</li>
</ul>

</body>
</html>

```

Q3b

```

/** Qn3 CSS */

* {
    font-family: Georgia, 'Times New Roman', Times, serif;
}

body {
    background-color: lightblue
}

h1, h2 {
    background-color: blue;
}

```

```
p {
  background-color: white;
}

ul {
  background-color: white;
  list-style-type: none; height: 100px;
  width: 100%;
}

ul li{
  display: inline-block;
  margin: 3px 3px;
  padding: 8px 16px;
  background-color: aqua;
}
```

