



Daffodil International University

Assignment

Course Title: Web Engineering

Course Code: CSE 417

Submitted To:

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Section: O-4

Answer 1:

HTTP: Hypertext transfer protocol. Its a protocol for Communicate or transfer data between two systems.

HTTPS: Hypertext transfer protocol secure. It is a protocol for securing communication between two systems. It is the secure version of HTTP.

Answer 2:

RFC (stands for Request For Comments) is a document that describes the standards, protocols, and technologies of the Internet and TCP/IP. Requests for Comments are produced in a non-reflowable document format, but work has begun to change the format to a reflowable one so that documents can be viewed in devices with restricted size.

Answer 3:

CSS stands for Cascading Style Sheets. I hope CSS required Some Standard because using CSS we can make a web page more interactive and more lightweight. If we do not apply a standard form of CSS on the web page then the webpage does not show much better. Some standard rules also apply for CSS, In nows day many new functionalities also added in CSS. So I hope that CSS also required some Standard.

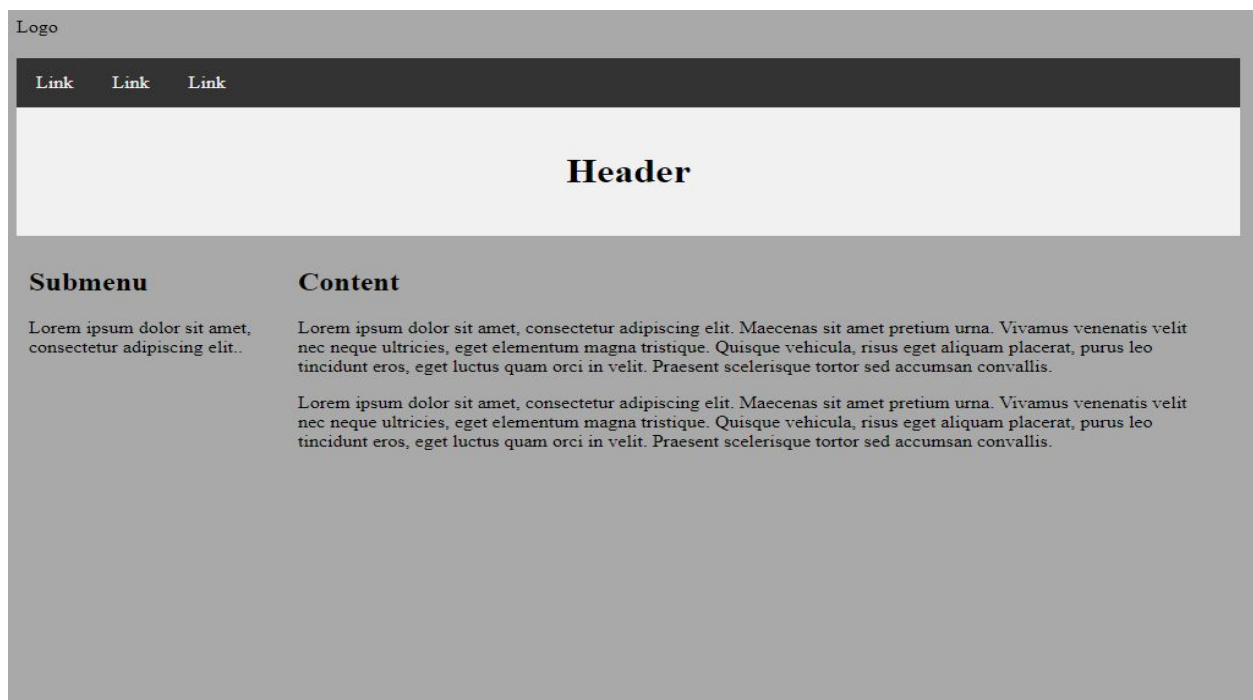
Answer 4:

JavaScript is an essential a programming language. Nowadays we can make any web application and also any mobile application using JavaScript. There are many Frameworks or tools to use JavaScript in separate platforms. In early times

JavaScript is used for only front end development on the web but nowadays it used every platform. Now we can make backend service buy node JS which is a tool of JavaScript. We can use react JS, Angular JS for frontend development. we use node JS or deno Framework For backend or server-side development. we can also used react-native which is another JavaScript framework for Cross-site mobile app development Both Android and IOS. we can also make any desktop application by JavaScript. The main purpose of using JavaScript in web application development .we can not make any web application more functionality without using JavaScript. For web applications, we can use a jQuery library in the frontend but now the more popular Framework is react JS which developed by Facebook. nowadays we can use JavaScript in every platform We can also make our programing code smaller using the es6 version of JavaScript. we can also solve many big problems by JavaScript so, In the end, we can see that JavaScript is everywhere and we can use JavaScript for every platform.

Answer 5:

Layout :



home.html:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="style.css" />
    <title>Layout</title>
  </head>
  <body>
    <div style="margin-bottom: 20px;">
      Logo
    </div>
    <div class="topnav">
      <a href="#">Link</a>
      <a href="#">Link</a>
      <a href="#">Link</a>
    </div>
    <div class="header">
      <h1>Header</h1>
    </div>
    <div class="row">
      <div class="column submenu">
        <h2>Submenu</h2>
        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>
      </div>

      <div class="column content">
        <h2>Content</h2>
        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas sit amet pretium urna. Vivamus venenati convallis.</p>
        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas sit amet pretium urna. Vivamus venenatis convallis.</p>
      </div>

    </div>
  </body>
```

</html>

style.css:

```
body{
    background-color: darkgray;
    width: 1000px;
}
.logo{
    height: 10px;
    width: 10px;
}
.header {
    background-color: #f1f1f1;
    padding: 20px;
    text-align: center;
}
```

```
.topnav {
    overflow: hidden;
    background-color: #333;
}
```

```
.topnav a {
    float: left;
    display: block;
    color: #f2f2f2;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}
```

```
.topnav a:hover {
    background-color: #ddd;
    color: black;
}
```

```
.column {
    float: left;
    padding: 10px;
}
```

```
.column.submenu {  
  width: 20%;  
}
```

```
.column.content {  
  width: 75%;  
}
```

Thank you