

# Web Engineering Theory Assignment

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### Answer to the question no 1

HTTP: HTTP stands for Hyper Hypertext Transfer Protocol.

HTTPS: HTTPS is the secure version of HTTP. It uses a SSL connection for exchanging data.

### Answer to the question no 2

RFC is Request for Comments. It is a standard for network protocols and it defines features of network communications.

### Answer to the question no 3

Having a standard is always beneficial. It helps organizing codes and make the codes more readable. It increases scalability and maintainability of codes. So it is also important for CSS to have standards.

### Answer to the question no 4

These days JavaScript is used in a lot of applications especially in the area of web. Lots of libraries are available for completing different tasks. It is a scripting language. It comes embedded in all the web browser engines. As a result, it doesn't require further setup operations and coding can be started instantly.

## Answer to the question no 5

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

<head>
  <title>Document</title>
  <style>
    body {
      background-color: #ffffff;
      display: flex;
      justify-content: center;
    }

    .nav {
      display: block;
      width: 1000px;
      height: 900px;
      background-color: white;
      padding: 10px;
    }

    .panel {
      background-color: #dcdcdc;
      display: flex;
      height: 100px;
      align-items: center;
      margin: 8px;
    }

    #logo {
      color: #ffffff;
      padding: 10px;
      font-size: 35px;
    }

    .logo {
```

```
background-color: #dcdcdc;
display: flex;
align-items: center;
height: 60px;
width: 250px;
margin: 8px;
}
```

```
.sections {
  display: flex;
  height: 600px;
  flex-direction: row;
}
```

```
.submenu {
  background-color: #dcdcdc;
  display: flex;
  margin: 5px;
  width: 200px;
}
```

```
.d {
  color: #ffffff;
  padding: 10px;
  font-size: 25px;
}
```

```
.menu {
  background-color: #dcdcdc;
  display: flex;
  height: 40px;
  margin: 8px;
  align-items: center;
}
```

```
.content {
  background-color: #dcdcdc;
```

```
        display: flex;
        margin: 5px;
        width: 800px;
    }
</style>
</head>

<body>
    <div class="nav">
        <div class="logo">
            <h3 id="logo">Logo</h3>
        </div>
        <div class="menu">
            <h3 class="d">Menu</h3>
        </div>
        <div class="panel">
            <h3 class="d">Header Panel</h3>
        </div>
        <div class="sections">
            <div class="submenu">
                <h3 class="d">Submenu</h3>
            </div>
            <div class="content">
                <h3 class="d">Content</h3>
            </div>
        </div>
    </div>
</body>
```