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1. Write short notes on HTTPS vs HTTP

Ans: HTTP stands for *Hypertext Transfer Protocol* & HTTPS stands for *Hypertext Transfer Protocol Secure*.

The most important difference between the two protocols is the SSL certificate. In fact, HTTPS is basically an HTTP protocol with additional security. However, this additional security can be extremely important, especially for websites that take sensitive data from its users, such as *credit card information and passwords*.

2. Why is RFC required?

Ans: RFC (Request For Comments stands) is a document describing the Internet specifications, protocols, and innovations, and TCP / IP. Applications to Comments are created in a document format that is not reflectable, but research has started Adjust the format to a reflowable one for viewing documents in Devices limited in scale.

3. CSS doesn't require any standard - Justify.

Ans: CSS is for Cascading Style Sheets. CSS needs some standard Since we can use CSS to make a web page more social and more Heavyweight. If we don't use a regular CSS template on the web page, Webpage reveals no better. These basic rules apply even to CSS, In Nowadays several new features have been added in CSS as well. Some Standard Required.

4. JavaScript is essentially a programming language - provide your view.

Ans:

JavaScript is a programming language which is important. Facebook and every smartphone program that uses JavaScript. There are several frameworks or tools for using JavaScript in individual platforms. In the early days JavaScript is only used on the web for front-end creation, but it is now used in many media. Perhaps we can do backend service with JS node, which is a tool of JavaScript. We can use Javascript, Angular Javascript, to build frontends. We 're using node JS or deno Framework may also be used for backend or server-side development. Another JavaScript application for the web cross-site app Android and IOS both grow. Any mobile application can also be rendered by JavaScript Script. The primary aim of using JavaScript when creating web applications. We can not add more features to any Web application by using JavaScript. We can use a jQuery library in the frontend for web applications but JS, which was developed by Facebook, is now the most common application. We will use JavaScript on all of our platforms. Programming a smaller code using the es6 version of JavaScript. We can fix it, too Therefore, in the end, we can see that JavaScript is a major problem. Everywhere, we can use JavaScript for every platform.

5.Design the following layout using HTML and CSS:

Ans:

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

