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**SECTION: O-4**

**1. ANSWER:** Short notes on HTTPS Vs HTTP:

<b>HTPPs</b>	<b>HTTP</b>
<b>1.</b> It is Hypertext Transfer Protocol with secure.	<b>1.</b> It is the Hypertext Transfer Protocol.
<b>2.</b> HTTPS URLs begins with https://	<b>2.</b> HTTP URLs begins with http://
<b>3.</b> Helps to transfer data securely via the network.	<b>3.</b> Helps to transfer audio, video, images through web pages.

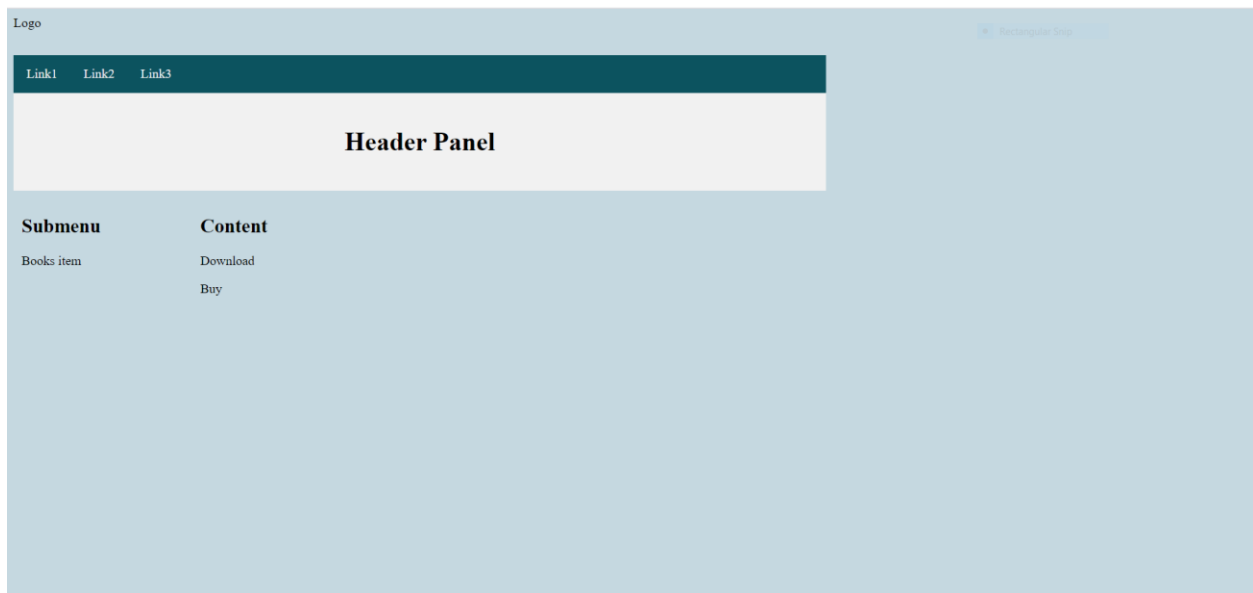
**2. ANSWER:** An RFC (Request for Comments) is a pure technical document. Request for Comments (RFCs) is mainly used to develop a standard network protocol, a function of a network protocol or any feature which is related to network communication.

**3. ANSWER:** CSS stands for Cascading Style Sheets. If I apply a standard form of CSS on the web page then the webpage does show much better. CSS required Some Standard because using CSS we can make a web page more pleasant. I hope that CSS also required some Standard.

**4. ANSWER:** Javascript is essentially a programming language. It allows implementing complex features on web pages. It enables us to create dynamically updating content, control multimedia, animate images, etc. It is used for only front end development on the web but nowadays it used every

platform. We can also make our programming code smaller using the es6 version of JavaScript. we can also solve many big problems with JavaScript.

## 5. Answer:



## Index.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: 30px;">
Logo
</div>
<div class="topnav">
<a href="#">Link1</a>
<a href="#">Link2</a>
<a href="#">Link3</a>
</div>
```

```

<div class="header">
<h1>Header Panel</h1>
</div>
<div class="row">
<div class="column submenu">
<h2>Submenu</h2>
<p>Books item</p>
</div>
<div class="column content">
<h2>Content</h2>
<p>Download</p>
<p>Buy</p>
</div>
</div>
</body>
</html>

```

## Style.css

```

body{
  background-color: rgb(197, 216, 224);
  width: 1000px;
}
.logo{
  height: 10px;
  width: 10px;
}
.header {
  background-color: #f1f1f1;
  padding: 20px;
  text-align: center;
}
.topnav {
  overflow: hidden;
  background-color: rgb(12, 83, 95);
}
.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: 70%;  
}
```