

# Question 1 : Explain the basic structure of an HTML page. Why is it important to follow this structure?

```
'''
This is the basic structure of html
'''
'''
<!DOCTYPE html>          <!--declares the document type html5-->
<html lang="en">          <!--it define the root element of page and language
english-->
<head>                    <!--head tag contain meta data inside this tag we
can access external css links-->
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>    <!--the title shows on the top of the
browser tab-->
</head>
<body>
    <!--Main content of the web page goes here-->
</body>
</html>
'''
```

Important to follow this structure--

1. Search Engine Optimization (SEO): Search engines like Google use structured content to rank pages better.
2. Browser Compatibility: Ensures that all browsers can read and display your page properly.
3. Performance: Clean structure ensures fast rendering and loading of pages.
4. Maintainability Easy for developers to read, edit, and update the code.