

Q1. Write a simple program in HTML that displays the heading "HTML defines the content and structure of your website" on the web browser ?

Ans : -

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1><u>My First Program in html documenty</u></h1>
  <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Ipsa ducimus voluptate
delectus, ullam iure obcaecati quisquam commodi earum, animi aliquid quidem molestias
laboriosam beatae repudiandae vero itaque. At, molestias nam.</p><br><br><br>
  <h2>Self Introduction</h2>
  <p>my name is nihal gupta. And i'm from praygraj. and i'm pursing BCA final year. <br>
    from Neharu Gram Bharti University Prayagraj.and as well as i'm learning <br>Full
Stack Development from Pw Skill.and i am also done
    cyber security Course.
  </p>
</body>
</html>
```

Q2. Explain the purpose of comments in HTML and provide an example of how to use comments in an HTML document?

Ans : - HTML comments are used to add notes and explanations to HTML code, and to temporarily disable parts of the code. They are not visible to the user in the rendered webpage.

```
Ex: <!DOCTYPE html>

<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <!-- self Introduction -->
  <h2>Self Introduction</h2>
  <p>my name is nihal gupta. And i'm from praygraj. and i'm pursing BCA final year. <br>
    from Neharu Gram Bharti University Prayagraj.and as well as i'm learning <br>Full
Stack Development from Pw Skill.and i am also done
    cyber security Course.
  </p>
</body>
</html>
```

<!-- --> this way to comment in html document page

<!-- your notes write here and comment -->

Q3. Write an HTML program that includes a heading, a paragraph of text, a horizontal line, and a line break. Arrange these elements to create a simple web page layout ?

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>THIS IS HEADING </h1><hr>
  <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Autem distinctio at animi
porro voluptates temporibus,<br> doloremque natus impedit sint dolores repellendus
accusantium dicta facere reiciendis quae illum iure, velit unde.</p>
  <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Autem distinctio at animi
porro voluptates temporibus,<br>doloremque natus impedit sint dolores repellendus
accusantium dicta facere reiciendis quae illum iure, velit unde.</p>
  <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Autem distinctio at animi
porro voluptates temporibus,<br> doloremque natus impedit sint dolores repellendus
accusantium dicta facere reiciendis quae illum iure, velit unde.</p>
  <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Autem distinctio at animi
porro voluptates temporibus,<br> doloremque natus impedit sint dolores repellendus
accusantium dicta facere reiciendis quae illum iure, velit unde.</p>
</body>
</html>
```

Q4. Write a short note on Tag and element with an example?

Ans :- A tag is the smallest individual unit in html using multipal tag be generally create web page.

Type of tag

1. Self closing tag

Ex.

2. No self closing tag

Ex . <h1> this is heading </h1>

Q5. What is the DOCTYPE Declaration in HTML?

Ans :- The doctype declaration in HTML is a line of code that tells a web browser what version of HTML a document is written in

<!Doctype>